

STIC Database Tracking Number: 301503

**To: ELLA COLBERT**  
**Location: KNX-4A21**  
**Art Unit: 3696**  
**Friday, July 17, 2009**

**Case Serial Number: 09/815422**

**From: ROBERT FINLEY**  
**Location: EIC3600**  
**KNX-2A80-C**  
**Phone: (571)272-8952**

**robert.finley@uspto.gov**

## Search Notes

Dear Examiner Colbert:

Please find attached the results of your search for the above-referenced case. The search was conducted in the Business Methods Template databases appropriate for the application.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

Dialog search results are presented in two formats, Word (.doc) and Acrobat (.pdf).

To navigate this document: use FIND function {Ctrl-F}

~~ will find the beginning of each group of results

^ will find the tagged items

Information on Dialog databases can be found at: <http://library.dialog.com/bluesheets/>

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search.

<b>I.</b>	<b>POTENTIAL REFERENCES OF INTEREST .....</b>	<b>3</b>
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<b>A.</b>	<b>NPL Files, Abstract.....</b>	<b>34</b>
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## I. Potential References of Interest

### A. Dialog

~~ Patent Literature: Inventor search

^4/3/2 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012288239 *Drawing available*

WPI Acc no: 2002-229219/200229

XRPX Acc No: N2002-176194

**Electronic apparatus e.g. personal computer, computes chargeable amount based on execution time of each function designated by input unit**

Patent Assignee: SONY CORP (SONY); SUZUKI S (SUZU-I); YUI Y (YUIY-I)

Inventor: **SUZUKI S; YUI K; YUI Y**

		Patent Family	US (2006/0045331 countries)	20060328			
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1139305	A2	20011004	EP 2001302737	A	20010323	200229	B
CN 1317759	A	20011017	CN 2001120796	A	20010324	200229	E
JP 2001338233	A	20011207	JP 2000354953	A	20001121	200229	E
KR 2001090534	A	20011018	KR 200115222	A	20010323	200229	E
US 20010056413	A1	20011227	US 2001815422	A	20010322	200229	E
TW 541811	A	20030711	TW 2001106911	A	20010323	200406	E
US 20060167795	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390375	A	20060328		
US 20060167796	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390376	A	20060328		
US 20060167797	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390383	A	20060328		
US 20060173766	A1	20060803	US 2001815422	A	20010322	200651	E
			US 2006390454	A	20060328		
US 20060178990	A1	20060810	US 2001815422	A	20010322	200654	E
			US 2006390207	A	20060328		
US 20060178991	A1	20060810	US 2001815422	A	20010322	200654	E
			US 2006390208	A	20060328		
US 20060195381	A1	20060831	US 2001815422	A	20010322	200657	E

Priority Applications (no., kind, date): JP 200085453 A 20000324; JP 2000354953 A 20001121

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 1139305	A2	EN	78	51		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2001338233	A	JA	40			
TW 541811	A	ZH				
US 20060167795	A1	EN			Division of application	US 2001815422
US 20060167796	A1	EN			Division of application	US 2001815422
US 20060167797	A1	EN			Division of application	US 2001815422
US 20060173766	A1	EN			Division of application	US 2001815422
US 20060178990	A1	EN			Division of application	US 2001815422
US 20060178991	A1	EN			Division of application	US 2001815422
US 20060195381	A1	EN			Division of application	US 2001815422

~~ Non-Patent Literature: Full Text

Dialog files: 9,15,16,20,148,160,267,268,275,610,613,621,624,625,626,634,636,810,813,608

^11/3,K/12 (Item 12 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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00841927 94-91319

## Work measurement in material handling

Gagnon, Gene

Material Handling Engineering v49n3 pp: 61-62

Mar 1994

ISSN: 0025-5262 Journal Code: MTH

Word Count: 924

### Text:

...engineered labor standards are used as a management tool include the ability to:

\* Balance labor among various operations and departments;

\* **Determine** labor **cost**; Audit **measured** productive labor;

- \* Record **time** needed to **perform** a **task**;
- \* Calculate material handling equipment ratio to the number of warehouse employees;
- \* Develop work loading for scheduling purposes;
- \* Determine percent of...

^11/3,K/14 (Item 14 from file: 15)  
 DIALOG(R)File 15: ABI/Inform(R)  
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00775582            94-24974

### **A productivity challenge in a utility's reliability**

Ellis, H Leon; Gouda, Saied; Trowbridge, Scott  
 American Association of Cost Engineers Transactions pp: I.3.1-I.3.11  
 1993

**ISSN:** 0065-7158 **Journal Code:** AEE

**Word Count:** 3666

#### **Text:**

...by combining the rates shown in figure 3 with the productivity indexes of figure 2. In this case. the unit **cost** is **calculated** by dividing the actual **cost** by the adjusted standard minutes. The adjusted standard **minutes** is a **measure** of the **work accomplished** reflecting the standard **work** unit estimates for department orders. A contractor who completes more department orders in a shorter period of time will complete...

### **B. Additional Resources Searched**

Nothing of interest found.

## II. Inventor Search Results from Dialog

~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2009/Mar(Updated 090708)

(c) 2009 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-200928

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090709|UT=20090702

(c) 2009 WIPO/Thomson

File 350:Derwent WPIX 1963-2009/UD=200944

(c) 2009 Thomson Reuters

Set	Items	Description
S1	49419	AU=SUZUKI S?
S2	514	AU=YUI Y?
S3	49931	S1 OR S2
S4	2	S3 AND ((CALCULAT??? OR COMPUTED OR COMPUTING) (4N) (CHARGEABLE OR BILLABLE OR CHARGE? ?)) (20N) ((EXECUT??? OR PROCESS??? OR RUNNING) (4N) (TIME? ? OR TIMING OR INTERVAL? ?))

4/3/1 (Item 1 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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01335370

### **Electronic apparatus, charging system and method, charge processing device, storage medium and prepaid card**

Elektronische Einrichtung, Abrechnungssystem und -verfahren, Speichermedium und vorausbezahlte Karte

Dispositif electronique, systeme et methode de facturation, dispositif de traitement de la facturation, support de stockage et carte pre-payee

### **Patent Assignee:**

- **SONY CORPORATION;** (214021)  
7-35 Kitashinagawa 6-chome Shinagawa-ku; Tokyo 141; (JP)  
(Applicant designated States: all)

### **Inventor:**

- **Suzuki, Satoru, Intellectual Property Dept.**  
**Sony Corporation, 6-7-35 Kitashinagawa; Shinagawa-ku, Tokyo 141; (JP)**
- **Yui, Yasuji, Intellectual Property Dept.**  
**Sony Corporation, 6-7-35 Kitashinagawa; Shinagawa-ku, Tokyo 141; (JP)**

**Legal Representative:**

- **Horner, David Richard et al (77632)**  
D Young & Co, 21 New Fetter Lane; London EC4A 1DA; (GB)

	Country	Number	Kind	Date	
Patent	EP	1139305	A2	20011004	(Basic)
Application	EP	2001302737		20010323	
Priorities	JP	200085453		20000324	
	JP	2000354953		20001121	

**Designated States:**

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7):** G07F-007/00; G07F-015/12 **Abstract Word Count:** 80

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Legal Status	Type	Pub. Date	Kind	Text
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**Language** Publication: English

Procedural: English

Application: English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS A		(English)	200140	3043
SPEC A		(English)	200140	22380
Total Word Count (Document A) 25423				
Total Word Count (Document B) 0				
Total Word Count (All Documents) 25423				

^4/3/2 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012288239 *Drawing available*

WPI Acc no: 2002-229219/200229

XRPX Acc No: N2002-176194

**Electronic apparatus e.g. personal computer, computes chargeable amount based on execution**

**time of each function designated by input unit**

Patent Assignee: SONY CORP (SONY); SUZUKI S (SUZU-I); YUI Y (YUIY-I)

Inventor: SUZUKI S; YUI K; YUI Y

Patent Family ( 13 patents, 31 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1139305	A2	20011004	EP 2001302737	A	20010323	200229	B
CN 1317759	A	20011017	CN 2001120796	A	20010324	200229	E
JP 2001338233	A	20011207	JP 2000354953	A	20001121	200229	E
KR 2001090534	A	20011018	KR 200115222	A	20010323	200229	E
US 20010056413	A1	20011227	US 2001815422	A	20010322	200229	E
TW 541811	A	20030711	TW 2001106911	A	20010323	200406	E
US 20060167795	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390375	A	20060328		
US 20060167796	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390376	A	20060328		
US 20060167797	A1	20060727	US 2001815422	A	20010322	200650	E
			US 2006390383	A	20060328		
US 20060173766	A1	20060803	US 2001815422	A	20010322	200651	E
			US 2006390454	A	20060328		
US 20060178990	A1	20060810	US 2001815422	A	20010322	200654	E
			US 2006390207	A	20060328		
US 20060178991	A1	20060810	US 2001815422	A	20010322	200654	E
			US 2006390208	A	20060328		
US 20060195381	A1	20060831	US 2001815422	A	20010322	200657	E
			US 2006390453	A	20060328		

Priority Applications (no., kind, date): JP 200085453 A 20000324; JP 2000354953 A 20001121

US 20060167797	A1	EN		Patent De	Division of application	US 2001815422
US 20060167795	A1	EN		Patent De	Division of application	US 2001815422
US 20060178990	A2	EN	78	51	Division of application	US 2001815422
US 20060178991	A1	EN			Division of application	US 2001815422
US 20060195381	A1	EN			Division of application	US 2001815422
JP 2001338233	A	JA	40			
TW 541811	A	ZH				
US 20060167795	A1	EN			Division of application	US 2001815422
US 20060167796	A1	EN			Division of application	US 2001815422



~~ Non-Patent Literature: Inventor search

File 2:INSPEC 1898-2009/Jul W1  
(c) 2009 The IET

File 9:Business & Industry(R) Jul/1994-2009/Jul 16  
(c) 2009 Gale/Cengage

File 15:ABI/Inform(R) 1971-2009/Jul 16  
(c) 2009 ProQuest Info&Learning

File 610:Business Wire 1999-2009/Jul 17  
(c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/Jul 16  
(c) 2009 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2009/Jul 17  
(c) 2009 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2009/Jul 16  
(c) 2009 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 625:American Banker Publications 1981-2008/Jun 26  
(c) 2008 American Banker

File 268:Banking Info Source 1981-2009/Jul W1  
(c) 2009 ProQuest Info&Learning

File 626:Bond Buyer Full Text 1981-2008/Jul 07  
(c) 2008 Bond Buyer

File 267:Finance & Banking Newsletters 2008/Sep 29  
(c) 2008 Dialog

File 16:Gale Group PROMT(R) 1990-2009/Jun 24  
(c) 2009 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2009/Jul 01  
(c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2009/Jun 18  
(c) 2009 Gale/Cengage

File 621:Gale Group New Prod. Annou.(R) 1985-2009/Jun 10  
(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Jun 24  
(c) 2009 Gale/Cengage

File 20:Dialog Global Reporter 1997-2009/Jul 16  
(c) 2009 Dialog

File 35:Dissertation Abs Online 1861-2009/Jun  
(c) 2009 ProQuest Info&Learning

File 65:Inside Conferences 1993-2009/Jul 16  
(c) 2009 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Jun  
(c) 2009 The HW Wilson Co.  
File 474:New York Times Abs 1969-2009/Jul 17  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Jul 17  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage  
File 139:EconLit 1969-2009/Jun  
(c) 2009 American Economic Association  
File 256:TecTrends 1982-2009/Jul W2  
(c) 2009 Info.Sources Inc. All rights res.  
File 608:MCT Information Svc. 1992-2009/Jul 17  
(c) 2009 MCT Information Svc.

Set	Items	Description
S1	6351	AU=(SUZUKI, S? OR SUZUKI S? OR SUZUKI(2N)S?) OR BY=SUZUKI(2N)S?
S2	92	AU=(YUI, Y? OR YUI Y? OR YUI(2N)Y?) OR BY=YUI(2N)Y?
S3	6443	S1 OR S2
S4	0	S3 AND ((CALCULAT??? OR COMPUTED OR COMPUTING)(4N)(CHARGEABLE OR BILLABLE OR CHARGE? ?)) AND ((EXECUT??? OR PROCESS??? OR RUNNING)(4N)(TIME? ? OR TIMING OR INTERVAL? ?))

### III. Text Search Results from Dialog

#### A. Patent Files

~~ Patent Literature:

Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2009/Mar(Updated 090708)

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File 348:EUROPEAN PATENTS 1978-200928

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090709|UT=20090702

(c) 2009 WIPO/Thomson

File 350:Derwent WPIX 1963-2009/UD=200944

(c) 2009 Thomson Reuters

Set	Items	Description
S1	3738410	CALCULATE? ? OR CALCULATING OR COMPUTE OR COMPUTED OR COMPUTING OR DETERMINE? ? OR DETERMINING
S2	262937	S1(6N)(FEE OR FEES OR COST OR COSTS OR PAY OR PAYMENT OR PAYMENTS OR CHARGE OR CHARGES OR SURCHARGE OR SURCHARGES OR CHARGEABLE OR BILLABLE OR PRICE? ? OR INVOICE? ? OR RATE OR RATES OR ROYALT??? OR COMMISSION? ?)
S3	207059	MEASUR??? OR MEASUREMENT? ? OR METER??? OR COUNT??? OR NUMBER??? OR NUMERAT??? OR ENUMERAT??? OR QUANTIF? OR GAUG??? OR VOLUME OR QUANTITY OR QUANTITIES
S4	213974	TIME OR TIMED OR TIMES OR TIMING OR INTERVAL OR INTERVALS OR PERIOD?? OR TIMESPAN OR SECOND OR SECONDS OR MINUTE OR MINUTES OR HOUR OR HOURS OR DAY OR DAYS OR WEEK OR WEEKS OR MONTH OR MONTHS OR YEAR OR YEARS
S5	156637	FUNCTION OR FUNCTIONS OR TASK OR TASKS OR SERVICES OR WORK OR PROCEDURE OR PROCEDURES
S6	208171	EXECUT??? OR PROCESS??? OR IMPLEMENT??? OR ACCOMPLISH??? OR COMPLET??? OR FULFIL???? OR PERFORM???
S7	88361	S3(3N)S4
S8	57638	S5(3N)S6
S9	102	S2(8N)S7(8N)S8
S10	52	S9 AND IC=(G07B OR G06F OR G06Q)
S11	21	S10 NOT (AD>2001 OR AY>2001)

11/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347: JAPIO

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06699145 \*\*Image available\*\*

**CPU LOAD CONTROL METHOD AND ITS DEVICE**

**Pub. No.:** 2000-284976 [JP 2000284976 A ]  
**Published:** October 13, 2000 (20001013)  
**Inventor:** TAKAGI YOSHISHIGE  
**Applicant:** NEC CORP  
**Application No.:** 11-094198 [JP 9994198]  
**Filed:** March 31, 1999 (19990331)  
**International Class:** G06F-009/46

#### ABSTRACT

...to an inputted command. A CPU activity ratio measuring function part 14 measures the activity ratio of a CPU. A **process** controlling **function** part 15 **executes** the process to be controlled designated by the inputted command in a prescribed time, and allows a CPU use **time measuring** function part 17 to **measure** a CPU **time** used by the process to be controlled. The **process** controlling **function** part 15 **calculates** the CPU activity ratio from the **rate** of the CPU time to the prescribed time. The process controlling function part 15 calculates a temporary stopping time for... Di01

11/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347: JAPIO  
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06290556 \*\*Image available\*\*

#### METHOD AND SYSTEM FOR MEASURING LOAD RATE OF COMPUTER

**Pub. No.:** 11-232148 [JP 11232148 A ]  
**Published:** August 27, 1999 (19990827)  
**Inventor:** ITO MAKOTO  
**Applicant:** TOYOTA MOTOR CORP  
**Application No.:** 10-036075 [JP 9836075]  
**Filed:** February 18, 1998 (19980218)  
**International Class:** G06F-011/34; G06F-009/46

#### ABSTRACT

...overload in a computer which performs multitask processing.

SOLUTION: An idle time measuring means constituting a load rate measuring system **measures** a cumulative execution **time** in a unit time  $\tau$  of an idle task I having the lowest priority level, and a **task execution rate** calculation means **calculates** a **task execution rate**  $\eta_a$  as the rate of the non-execution time of the idle task I in the unit time  $\tau$  based on this cumulative **execution time**. A **periodic task counter** means **counts** how often a **periodic** task R which is set so as to be executed at intervals of a prescribed timing T2 is actually executed within the unit time  $\tau$ , and an overload **rate** calculation means **calculates** an overload **rate**  $\eta_r$  based on the ratio of the logical **number** of **times** of execution to the actual **number** of **times** of **execution** of the periodic **task** R in the unit time  $\tau$ . A load **rate** calculation means **calculates** a load **rate**  $\eta$  of the computer by  $\eta = \eta_a + (\eta_r - 100)$ .

COPYRIGHT: (C)1999,JPO Di01

11/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347: JAPIO  
(c) 2009 JPO & JAPIO. All rights reserved.

04224980 \*\*Image available\*\*

**PARALLELED INFORMATION CALCULATION PROCESSING SYSTEM WITH  
SENTENCE WEIGHING INFORMATION**

**Pub. No.:** 05-216680 [JP 5216680 A ]  
**Published:** August 27, 1993 (19930827)  
**Inventor:** HANAKADA KYOKO  
**Applicant:** NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)  
**Application No.:** 04-047489 [JP 9247489]  
**Filed:** February 03, 1992 (19920203)  
**Journal:** Section: P, Section No. 1655, Vol. 17, No. 662, Pg. 11, December 07, 1993 (19931207)  
**International Class:** G06F-009/45

**ABSTRACT**

...means 14 inputs the sentence weighing information 11a, the procedure information 11b, the paralleled status information 11c and the execution **number of times** information 13a, **calculates** the execution **cost** of the sentence, adds it selectively to **execution** cost every **procedure**, parallel **execution cost** and dynamic parallel execution **cost**, and **calculates** the execution **cost** of the program, the parallel execution partial ratio of the procedure and the parallel execution partial ratio of the program. Di01

11/3,K/4 (Item 4 from file: 347)  
DIALOG(R)File 347: JAPIO  
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04212967 \*\*Image available\*\*

**TASK EXECUTION CONTROL DEVICE IN COMPUTER SYSTEM**

**Pub. No.:** 05-204667 [JP 5204667 A ]  
**Published:** August 13, 1993 (19930813)  
**Inventor:** MATSUMOTO HIDEAKI  
**Applicant:** TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
**Application No.:** 04-012069 [JP 9212069]  
**Filed:** January 27, 1992 (19920127)  
**Journal:** Section: P, Section No. 1649, Vol. 17, No. 634, Pg. 63, November 24, 1993 (19931124)  
**International Class:** G06F-009/46; G06F-009/46

**ABSTRACT**

...provided with a load status monitoring means 4 for monitoring the current task execution status of the CPU, a load **rate calculating** means 2 for **calculating** a load **rate** indicated by the **task execution** status time rate of the CPU within a past fixed **period counted** from the present, a start enable load rate memory 6 for storing a start enable load rate indicating the start... Di01

11/3K/5 (Item 1 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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02018194

**Secure transaction management**  
Gesicherte Transaktionsverwaltung  
Gestion de transactions securisees

**Patent Assignee:**

- **Intertrust Technologies Corp.;** (2434323)  
955 Stewart Drive; Sunnyvale, CA 94085; (US)  
(Applicant designated States: all)

**Inventor:**

- **Ginter, Karl L.**  
10404 43rd Avenue; Beltsville, MD 20705; (US)
- **Shear, Victor H.**  
5203 Battery Lane; Bethesda, MD 20814; (US)
- **Sibert, W. Olin**  
30 Ingleside Road; Lexington, MA 02173-2522; (US)
- **Spahn, Francis J.**  
2410 Edwards Avenue; El Cerrito, CA 94530; (US)
- **Van Wie, David M.**  
51430 Willamette Street; 6 Eugene, OR 97401; (US)

**Legal Representative:**

- **Beresford, Keith Denis Lewis (28273)**  
BERESFORD & Co. 16 High Holborn; London WC1V 6BX; (GB)

	Country	Number	Kind	Date	
Patent	EP	1621960	A2	20060201	(Basic)
	EP	1621960	A3	20070110	
Application	EP	2005076129		19970829	
Priorities	US	706206		19960830	

**Designated States:**

AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 922248 (EP 97939670)

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06F-0021/00	A	I	F	B	20060101	20060913	H	EP
G06F-0021/00	A	I	F	B	20060101	20060913	H	EP

**Abstract Word Count:** 51

**NOTE:** 70

**NOTE: Figure number on first page:** 70

Legal Status Type	Pub. Date	Kind	Text
-------------------	-----------	------	------

**Language Publication:** English

**Procedural:** English

**Application:** English

Fulltext Availability Available Text	Language	Update	Word Count
CLAIMS A	(English)	200605	249
SPEC A	(English)	200605	180527
Total Word Count (Document A) 180807			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 180807			

**Specification:** ...to pay. These factors may be specified by the "rules and controls" that control the meter process.

Billing process 406 **determines** how much to **charge** for events. It records and reports payment information.

Budget process 408 limits how much content usage is permitted. For example, budget **process** 408 may limit the **number** of **times** content may be accessed or copied, or it may limit the number of pages or other amount of content that...

11/3K/6 (Item 2 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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01589907

### **Global access system of multi-media related information**

Weltweites Zugriffssystem für multimedialbezogene Informationen

Système d'accès global à des informations relatives aux multimédias

**Patent Assignee:**

- **Dentsu Inc.;** (3305472)  
1-11-10, Tsukiji, Chuo-ku; Tokyo; (JP)  
(Proprietor designated states: all)

**Inventor:**

- **Iida, Takahito**  
531-11, Yabata; Chigasaki-shi,Kanagawa-ken 253-0085; (JP)

**Legal Representative:**

- **Skone James, Robert Edmund (50281)**  
Gill Jennings & Every LLP Broadgate House 7 Eldon Street; London EC2M 7LH; (GB)

	Country	Number	Kind	Date	
Patent	EP	1316958	A2	20030604	(Basic)
	EP	1316958	A3	20040825	
	EP	1316958	A3	20040825	
	EP	1316958	B1	20060802	
Application	EP	2003003494		19980814	
Priorities	JP	97284084		19971016	
	JP	9851115		19980303	

**Designated States:**

CH; DE; ES; FI; FR; GB; IT; LI;

**Related Parent Numbers: Patent (Application):**EP 1012842 (EP 98937829)

**International Patent Class (V7):** G11B-027/034; G11C-007/16; **G06F-017/60; G07F-007/10; G07F-017/16; G07F-019/00; G11B-027/34; H04H-001/02; ...G06F-017/60**

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
G11B-0027/034	A	I	F	B	20060101	20060127	H	EP
G11C-0007/16	A	I	L	B	20060101	20060127	H	EP
<b>G06Q-0030/00</b>	A	I	L	B	20060101	20060127	H	EP
G07F-0007/10	A	I	L	B	20060101	20060127	H	EP
G07F-0017/16	A	I	L	B	20060101	20060127	H	EP
G07F-0019/00	A	I	L	B	20060101	20060127	H	EP
G11B-0027/34	A	I	L	B	20060101	20060127	H	EP
H04H-0001/02	A	I	L	B	20060101	20060127	H	EP



International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
...G06Q-0030/00	A	I	L	B	20060101	20060127	H	EP

**Abstract Word Count:** 159

**NOTE:** 1

**NOTE: Figure number on first page:** 1

Legal Status Type	Pub. Date	Kind	Text
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**Language** Publication: English

Procedural: English

Application: English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS A		(English)	200323	1160
SPEC A		(English)	200323	37997
CLAIMS B		(English)	200631	1170
CLAIMS B		(German)	200631	1245
CLAIMS B		(French)	200631	1493
SPEC B		(English)	200631	22770
Total Word Count (Document A) 39165				
Total Word Count (Document B) 26678				
Total Word Count (All Documents) 65843				

**Specification:** ...holders relating to the musical composition(s) to be used, based on the counting results from the musical composition used **time counting** unit 5316 and the **royalty** distribution **rates determined** by the **royalty determining** unit 5319. This **function** can be easily **implemented** by utilizing the IC card.

Further, the accounting approval and royalty determining unit 5319 of the host computer 5302 is...

**Specification:** ...holders relating to the musical composition(s) to be used, based on the counting results from the musical composition used **time counting** unit 5316 and the **royalty** distribution **rates determined** by the **royalty determining** unit 5319. This **function** can be easily **implemented** by utilizing the IC card.

Further, the accounting approval and royalty determining unit 5319 of the host computer 5302 is...

11/3K/7 (Item 3 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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00485942

**Apparatus and method for production planning**

Verfahren und Gerat zur Herstellungsplanung

Appareil et methode de planning de production

**Patent Assignee:**

- **TEXAS INSTRUMENTS INCORPORATED;** (279070)  
13500 North Central Expressway; Dallas Texas 75265; (US)  
(applicant designated states: DE;FR;GB;IT;NL)

**Inventor:**

- **Hogge, John C.**  
622 Sherwood Drive; Richardson, Texas 75080; (US)

**Legal Representative:**

- **Blanco White, Henry Nicholas et al (50111)**  
ABEL & IMRAY Northumberland House 303-306 High Holborn; London WC1V 7LH; (GB)

	Country	Number	Kind	Date	
Patent	EP	468728	A2	19920129	(Basic)
	EP	468728	A3	19940209	
	EP	468728	B1	19980909	
Application	EP	91306665		19910722	
Priorities	US	558970		19900726	

**Designated States:**

DE; FR; GB; IT; NL;

**International Patent Class (V7): G06F-017/60; ; ; G06F-017/60** Abstract Word Count: 100

Legal Status	Type	Pub. Date	Kind	Text
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**Language** Publication: English

Procedural: English

Application: English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS B		(English)	9837	1556
CLAIMS B		(German)	9837	1427
CLAIMS B		(French)	9837	1819
SPEC B		(English)	9837	4143
Total Word Count (Document A) 0				

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document B) 8945				
Total Word Count (All Documents) 8945				

**Specification:** ...capacity computing means may further comprise means for storing and supplying machine availability data, means for storing and supplying the **number** of work **hours** of the manufacturing facility, means for computing the **work-in-process** workload, and means for computing the maximum usage per machine in response to the machine availability data, **number** of work **hours**, and **work-in-process** workload. The **cost computing** means may also comprise means for **computing** the push **cost** incurred by not producing enough quantities to meet the customer demand, as well as means for computing the pull cost...

11/3K/8 (Item 4 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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00306058

**Digital data processing system.**  
Digitales Datenverarbeitungssystem.  
Systeme de traitement de donnees numeriques.

**Patent Assignee:**

- **DATA GENERAL CORPORATION;** (410940)  
Route 9; Westboro Massachusetts 01581; (US)  
(applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

**Inventor:**

- **Bachman, Brett L.**  
214 W. Canton Street Suite 4; Boston Massachusetts 02116; (US)
- **Bernstein, David H.**  
41 Bay Colony Drive; Ashland Massachusetts 01721; (US)
- **Bratt, Richard Glenn**  
9 Brook Trail Road; Wayland Massachusetts 01778; (US)
- **Clancy, Gerald F.**  
13069 Jaccaranda Center; Saratoga California 95070; (US)
- **Gavrin, Edward S.**  
Beaver Pond Road RFD 4; Lincoln Massachusetts 01773; (US)
- **Gruner, Ronald Hans**  
112 Dublin Wood Drive; Cary North Carolina 27514; (US)
- **Jones, Thomas M. Jones**  
300 Reade Road; Chapel Hill North Carolina 27514; (US)

- **Katz, Lawrence H.**  
10943 S. Forest Ridge Road; Oregon City Oregon 97045; (US)
- **Mundie, Craig James**  
136 Castlewood Drive; Cary North Carolina; (US)
- **Pilat, John F.**  
1308 Ravenhurst Drive; Raleigh North Carolina 27609; (US)
- **Richmond, Michael S.**  
Fearingtn Post Box 51; Pittsboro North Carolina 27312; (US)
- **Schleimer Stephen I.**  
1208 Ellen Place; Chapel Hill North Carolina 27514; (US)
- **Wallach, Steven J.**  
12436 Green Meadow Lane; Saratoga California 95070; (US)
- **Wallach, Walter, A., Jr.**  
1336 Medfield Road; Raleigh North Carolina 27607; (US)

**Legal Representative:**

- **Robson, Aidan John et al (69471)**  
Reddie & Grose 16 Theobalds Road; London WC1X 8PL; (GB)

	Country	Number	Kind	Date	
Patent	EP	290111	A2	19881109	(Basic)
	EP	290111	A3	19890503	
	EP	290111	B1	19931222	
Application	EP	88200917		19820521	
Priorities	US	266404		19810522	

**Designated States:**

AT; BE; CH; DE; FR; GB; IT; LI; LU; NL;  
SE;

**Related Parent Numbers: Patent (Application):**EP 67556 (EP 823025960)

**International Patent Class (V7):** G06F-009/30; ; ; G06F-009/30**Abstract Word Count:** 123

Legal Status Type	Pub. Date	Kind	Text
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**Language Publication:** English

**Procedural:** English

**Application:** English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS B		(English)	EPBBF1	1044
CLAIMS B		(German)	EPBBF1	890

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS B		(French)	EPBBF1	1185
SPEC B		(English)	EPBBF1	154314
Total Word Count (Document A) 0				
Total Word Count (Document B) 157433				
Total Word Count (All Documents) 157433				

**Specification:** ...UID/AON Tables 10222 relate each object's UID to its assigned AON and include AOT Hash Table (AOTHT) 10710, **Active** Object Table (AOT) **10712**, and Active Object Table Annex (AOTA) 10714.

An AON corresponding to a particular UID is determined through AOTHT 10710. The UID is hashed to provide a UID index into AOTHT **10710**, which then provides **the** corresponding AON. AOTHT 10710 is effectively an acceleration mechanism of AOT 10712 to, as just described, provide rapid translation of...

11/3K/9 (Item 1 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00767609

# **MASSIVE COLLECTIVE NETWORK PROCESSING SYSTEM AND METHODS** **SYSTEME ET PROCEDES DE TRAITEMENT D'UN RESEAU COLLECTIF A GRANDE** **ECHELLE**

## **Patent Applicant/Patent Assignee:**

- **MASSIVELY PARALLEL COMPUTING INC**; 4750 Table Mesa Drive, Boulder, CO 80303  
US; US(Residence); US(Nationality)

## **Legal Representative:**

- **VOCK Curtis A(et al)(agent)**  
Duft, Graziano & Forest, P.C., P.O. Box 270930, Louisville, CO 80027; US;

	Country	Number	Kind	Date
Patent	WO	200101219	A2-A3	20010104
Application	WO	2000US17576		20000626
Priorities	US	99141208		19990625
	US	2000188659		20000310

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-015/17	Main
G06F-013/38	

**Language** Publication Language: English

Filing Language: English

Fulltext word count: 11265

**Claims:**

...of accessing a 900 number to pay for the cost.

6 A method of claim 1, wherein the step of **calculating cost** comprises estimating a **number** of instructions per **second** associated with **processing** the **function**.

3 1. A method of claim 6, wherein the step of **calculating cost** further comprises estimating a **number** of **seconds** of cluster processing used to **process** the **function**.

8 A method of claim 1, wherein the step of **calculating cost** comprises estimating a number of instructions associated with processing the function. S 9. A method of claim 1, wherein the...

11/3K/10 (Item 2 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00489834

**GLOBAL ACCESS SYSTEM OF MULTI-MEDIA RELATED INFORMATION**  
SYSTEME D'ACCES GLOBAL A DES INFORMATIONS RELATIVES AUX MULTIMEDIA

**Patent Applicant/Patent Assignee:**

- IIDA Takahito;  
;;

	Country	Number	Kind	Date
Patent	WO	9921186	A1	19990429
Application	WO	98JP3630		19980814
Priorities	JP	97284084		19971016
	JP	9851115		19980303

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
...G06F-017/60... ..G06F-001/00	

**Language** Publication Language: English

Filing Language:

Fulltext word count: 41715

**Detailed Description:**

...holders relating to the musical composition(s) to be used, based on the counting results from the musical composition used **time counting** unit 5316 and the **royalty** distribution **rates determined** by the **royalty determining** unit 5319. This  
80

**function** can be easily **implemented** by utilizing the IC card.

Further, the accounting approval and royalty determining unit 5319 of the host computer 5302 is...

11/3K/11 (Item 3 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00410337

**ADVANCED MODULAR CELL PLACEMENT SYSTEM**  
**SYSTEME MODULAIRE EVOLUE DE POSITIONNEMENT DE CELLULES**

**Patent Applicant/Patent Assignee:**

- LSI LOGIC CORPORATION;  
;;

	Country	Number	Kind	Date
Patent	WO	9800796	A2	19980108
Application	WO	97US11096		19970626
Priorities	US	96672423		19960628
	US	96672335		19960628
	US	96672535		19960628

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
<b>G06F-017/50</b>	Main

**Language** Publication Language: English

Filing Language:

Fulltext word count: 22224

**Claims:**

...into regions by dividing the surface in one direction;(d) performing a levelizing cut point procedure for each region;(e) **performing** a median control **procedure** for each region;(f) iterating said levelizing cut point procedure and median control procedure a first predetermined **number of times**;(g) **computing** a **cost** function for each element and moving said element as a function of said cost function; and(h) repeating steps (c...

11/3K/12 (Item 4 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00372469

**METHOD AND APPARATUS FOR IDENTIFYING AND OBTAINING BOTTLENECK COST INFORMATION**

PROCEDE ET APPAREIL POUR IDENTIFIER ET OBTENIR UNE INFORMATION CONCERNANT LE COUT D'UN GOULOT D'ETRANGLEMENT

**Patent Applicant/Patent Assignee:**

- **APPLIED BIONOMICS INC;**  
; ;

	Country	Number	Kind	Date
--	---------	--------	------	------



	Country	Number	Kind	Date
Patent	WO	9713211	A1	19970410
Application	WO	96US15976		19961004
Priorities	US	95539608		19951005

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

**Language** Publication Language: English

Filing Language:

Fulltext word count: 9850

**Claims:**

...accurate and

continuous cost information. In another aspect of the invention, an apparatus improves a manufacturing facility which includes a **work** cell for **completing** a process step. Means for obtaining unit **quantity** and **time** data from the work cell is coupled to means for **calculating** cycle time **cost** data. Means for outputting the work cell cycle time cost data is then coupled to the means for calculating. The...

11/3K/13 (Item 5 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00352673

**METHOD AND APPARATUS FOR CYCLE TIME COSTING**

PROCEDE ET DISPOSITIF D'ETABLISSEMENT DU PRIX DE REVIENT D'UN TEMPS DE CYCLE

**Patent Applicant/Patent Assignee:**

- APPLIED BIONOMICS INC;
- ;;

	Country	Number	Kind	Date
Patent	WO	9635187	A1	19961107
Application	WO	96US5692		19960424
Priorities	US	95431679		19950502

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

**Language** Publication Language: English

Filing Language:

Fulltext word count: 7818

**Detailed Description:**

...run time and  
complete quantity

In another aspect of the invention, the cost information  
includes gross cycle time, net cycle **time** and scrap **quantity**

In another aspect of the invention, an apparatus improves a  
manufacturing facility which includes a **work** cell for **completing** a  
process step. Means for obtaining unit **quantity** and **time** data from  
the work cell is coupled to means for **calculating** cycle time **cost**  
data. Means for outputting the work cell cycle time cost data is then  
coupled to the means for calculating. The...

**Claims:**

...cost information in a  
manufacturing facility, comprising: storing time and quantity data from a work cell in a memory  
location; **calculating cost** information regarding the work cell in response to the **time** and **quantity**  
information; and-8 outputting the cost information.2) The method of claim 1 wherein the **work** cell  
**completes** a manufacturing process step.3) The method of claim 1 wherein the **time** and **quantity** data  
includes a unit acceptance time and a unit acceptance quantity4) The method of claim 2 wherein the  
time...

11/3K/14 (Item 6 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00312041

**COMPUTER UTILIZING NEURAL NETWORK AND METHOD OF USING SAME**  
**ORDINATEUR UTILISANT UN RESEAU NEURONAL ET PROCEDE D'UTILISATION ASSOCIE**

**Patent Applicant/Patent Assignee:**

- **MOTOROLA INC;**  
;;

	Country	Number	Kind	Date
Patent	WO	9530194	A1	19951109
Application	WO	95US3627		19950328
Priorities	US	94235996		19940502

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-015/18	Main

**Language** Publication Language: English

Filing Language:

Fulltext word count: 7017

**Detailed Description:**

...reasonable

price. Thus, there is a significant need for a computing device which performs a wide variety of complicated math **functions**, which **executes** a large **number** operations per unit **time**, and which is easy to program and inexpensive to implement.

Brief Description of the Drawings

The invention is pointed out...

11/3K/15 (Item 7 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00234265

**SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND DECISION-MAKING MICROPROCESSOR INTERFACING**

SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE DECISION

**Patent Applicant/Patent Assignee:**

- **STAR SEMICONDUCTOR CORPORATION;**

;;

	Country	Number	Kind	Date
Patent	WO	9308524	A1	19930429
Application	WO	92US8954		19921014
Priorities	US	91776161		19911015

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-009/00	Main
G06F-09:40	

**Language** Publication Language: English

Filing Language:

Fulltext word count: 219172

**Claims:**

...design primitive that includes an icon required to place a function in a signal flow diagram, the code required to **execute** the **function**, and specifications for the parameters required to define the cell. The SPROCfil filter design interface supports the definition and analysis...

11/3,K/16 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012456155 *Drawing available*

WPI Acc no: 2002-402059/200243

XRPX Acc No: N2002-315206

**Integrated production tracking and pay rate calculation system implementation method in dental laboratory, involves calculating new pay rate by dividing total attributable dollar amount by number of worked hours**

Patent Assignee: TECHNETICS CORP (TECH-N)

Inventor: GREEN J W; HOWELL C; JULIUS C; REYNOLDS A; THRELKELD M

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6356875	B1	20020312	US 199737965	P	19970220	200243	B
			US 199825721	A	19980218		

Priority Applications (no., kind, date): US 199737965 P 19970220; US 199825721 A 19980218

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6356875	B1	EN	24	13	Related to Provisional	US 199737965

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date  
**G06Q-0010/00...** ...**G06Q-0040/00** **G06Q-0010/00...** ...**G06Q-0040/00** Original Publication Data by  
 Authority Argentina **Publication No.** ...**Claims:** said one of said selected functions; an employee  
 number of said one of said employees; for each of said employees: **determining a number of hours**  
 worked by said employee during an evaluation period; for each **function performed** by said employee  
**during** said evaluation period, calculating a dollar amount attributable to said employee for **performing**  
**said function**; and **calculating** a new **pay rate for** said employee for a next **pay** period by: adding all of  
 said dollar amounts attributable to said employee for said functions performed by said employee **during**  
 said evaluation period to **determine** a total dollar amount attributable to said employee for said  
 evaluation **period**; and dividing said total dollar amount attributable to said employee for said  
 evaluation **period** by said **number of hours** worked by said employee during said evaluation period.

11/3,K/17 (Item 2 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0009585553 *Drawing available*  
 WPI Acc no: 1999-533678/199945  
 XRPX Acc No: N1999-396383

**Load factor measurement method of computer - involves computing load factor using specific  
 equation which includes computed task execution rate and overload rate**  
 Patent Assignee: TOYOTA JIDOSHA KK (TOYT)  
 Inventor: ITO M

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11232148	A	19990827	JP 199836075	A	19980218	199945	B
JP 3376906	B2	20030217	JP 199836075	A	19980218	200316	E

Priority Applications (no., kind, date): JP 199836075 A 19980218

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 11232148	A	JA	8	6		
JP 3376906	B2	JA	8		Previously issued patent	JP 11232148

**Alerting Abstract** ...tau. A load factor calculation unit computes a load factor using equation  $\eta = \eta +$

etaa +(etar-100), where etaa is **computed task execution rate**. DETAILED DESCRIPTION - An idle **time measurement** circuit **measures** accumulation execution **time** in unit time tau of an idle task (I) with lowest priority. A **task execution** rate calculation unit computes certain **task execution** rate etaa based on accumulation execution time and non-execution time of the idle task in unit **time**. A **counter counts** the frequency of a fixed task (R) set up such that it is performed for every predetermined timing (T2), in... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-0011/34... ..G06F-0009/46 G06F-0011/34... ..G06F-0009/46**

11/3,K/18 (Item 3 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0008730138 *Drawing available*  
 WPI Acc no: 1998-271601/199824  
 XRPX Acc No: N1998-213352

**Optimum computer platform prediction system - in which cost of each category in alternate computer as percentage of existing computer platform costs are applied to generic unit to produce comparative costs of alternate environment**

Patent Assignee: SABRE GROUP INC (SABR-N)

Inventor: STROTHMANN R L

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5745880	A	19980428	US 1994316890	A	19941003	199824	B

Priority Applications (no., kind, date): US 1994316890 A 19941003

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5745880	A	EN	11	2	

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00... G06Q-0030/00...** Original Publication Data by Authority Argentina **Publication No.** ...**Claims:** to evaluate movement from an existing computer system platform to an alternate computer system platform for at least one application **function**, which **process** comprises: **a. determining the cost** of a generic **computing** unit by dividing **the total costs** of said existing **computer** system platform for a predetermined period of **time** by **the total number** of application functions; **b. determining the** percentage of costs of said generic computing unit attributable to at least one category; **c. projecting** percentage cost...

11/3,K/19 (Item 4 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0008668443 *Drawing available*

WPI Acc no: 1998-206834/199818

XRPX Acc No: N1998-164290

**Data fusion workstation for hydro-geological modelling and transport uncertainty determination - calculating least squares solution which reduces cost function related to errors, by executing trust region algorithm which limits Gauss-Newton steps, using least squares solution to adjust site model, and displaying site model**

Patent Assignee: COLEMAN RES CORP (COLE-N)

Inventor: GIBBS B P; PORTER D W; YANCEY W E

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5729451	A	19980317	US 1995566353	A	19951201	199818	B

Priority Applications (no., kind, date): US 1995566353 A 19951201

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5729451	A	EN	19	10	

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date

**G06F-0017/17...** **G06F-0017/17...** Original Publication Data by Authority Argentina **Publication No.**

...**Claims:** pseudomeasurement equations and for generating a second quantification of error based upon differences there between; means for calculating a least squares **solution which** reduces a cost function related to said first and **second quantifications** of error, said means for **calculating** comprising **means for executing** a trust region algorithm **which limits** Gauss-Newton steps; means for using said least squares solution to adjust said site model; means for displaying a graphical...

11/3,K/20 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0007423902 *Drawing available*

WPI Acc no: 1996-031980/199604

Related WPI Acc No: 1998-178784

XRPX Acc No: N1996-026997

**Quantitative system usability measurement method - involves measuring time taken by members of expert and novice population to complete tasks on future trial and comparing to determine statistical difference**

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T CORP (AMTT); LUCENT TECHNOLOGIES INC (LUCE)

Inventor: GHARAMANI B

EP 687988	A2	19950517	EP 199503298	A	19950517	199604	B
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type

CA 2147403	A	19951201	CA 2147403	A	19950420	199613	E
EP 687988	A3	19960117	EP 1995303298	A	19950517	199621	E
US 5808908	A	19980915	US 1994251079	A	19940531	199844	E
			US 1997858134	A	19970519		

Priority Applications (no., kind, date): US 1994251079 A 19940531; US 1997858134 A 19970519

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
EP 687988	A2	EN	22	5			
Regional Designated States,Original	DE FR GB						
JP 7325802	A	JA	20				
CA 2147403	A	EN					
EP 687988	A3	EN					
US 5808908	A	EN			Continuation of application	US 1994251079	

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date  
**G06F-017/00...** ...**G06F-017/60** Main **G06F-011/34** Original Publication Data by Authority  
Argentina **Publication No. ...Original Abstracts:** for the system. Usability performance is measured by acquiring data for quantifying the statistical significance of the difference in the **mean** time for an Expert population to perform a task on a particular **number** of trials and the **estimated mean time** for a Novice population to **perform the task on** the same **number** of trials. **The estimated mean time** is calculated **according** to the Power Law of Practice. Usability **Performance** Indicators include Goal Achievement Indicators, Work **Rate** Usability Indicators, and Operability Indicators which are **calculated according** to one or more measurable parameters which include performance times, numbers of problems encountered, number of actions taken, time apportioned...

11/3,K/21 (Item 6 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0005458786 *Drawing available*  
WPI Acc no: 1991-059195/199109  
XRPX Acc No: N1991-045879

**Fast scheduler allowing transient computing overloads esp. for modem - provides buffering on input and output lines and executing processing tasks with controlled delays to create free processing windows**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: BIGO F; SPAGNOL V; SPAGNOL V V B

Patent Number	Kind	Date Filed	Application Number	Kind	Date	Update	Type
---------------	------	------------	--------------------	------	------	--------	------



EP 413873	A	19910227	EP 1989480129	A	19890824	199109	B
US 5261099	A	19931109	US 1989410167	A	19890920	199346	E
			US 1992908621	A	19920629		
EP 413873	B1	19960717	EP 1989480129	A	19890824	199633	E
DE 68926857	E	19960822	DE 68926857	A	19890824	199639	E
			EP 1989480129	A	19890824		

Priority Applications (no., kind, date): EP 1989480129 A 19890824

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
EP 413873	A	EN					
Regional Designated States,Original	DE FR GB						
US 5261099	A	EN	16	13	Continuation of application	US 1989410167	
EP 413873	B1	EN	31	13			
Regional Designated States,Original	DE FR GB						
DE 68926857	E	DE			Application	EP 1989480129	
					Based on OPI patent	EP 413873	

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date  
**G06F-013/372...** ...**G06F-009/46** Main **G06F-013/24** Original Publication Data by Authority  
 Argentina **Publication No.** ...**Claims:** execution scheduling process for scheduling processing and  
 completion of said tasks of said second computer program in synchronism with said **rate determined** by  
 said clock signal controlled by said first high priority computer program, including **the** steps of:  
**buffering** in a data buffering means, sets of data bits **received during** a predetermined **number** of  
 successive **periods** of said clock signal; generating and storing sequential processing requests in a  
 request buffering means when said sets of data...

#### IV. Text Search Results from Dialog

##### A. NPL Files, Abstract

~~ Non-Patent Literature: Non-Full Text

Dialog files: 2,35,65,99,139,256,474,475,583

File 2:INSPEC 1898-2009/Jul W1  
(c) 2009 The IET  
File 35:Dissertation Abs Online 1861-2009/Jun  
(c) 2009 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2009/Jul 16  
(c) 2009 BLDS all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Jun  
(c) 2009 The HW Wilson Co.  
File 139:EconLit 1969-2009/Jun  
(c) 2009 American Economic Association  
File 256:TecTrends 1982-2009/Jul W2  
(c) 2009 Info.Sources Inc. All rights res.  
File 474:New York Times Abs 1969-2009/Jul 17  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Jul 17  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

Set	Items	Description
S1	3250538	CALCULATE? ? OR CALCULATING OR COMPUTE OR COMPUTED OR COMPUTING OR DETERMINE? ? OR DETERMINING
S2	129355	S1(6N)(FEE OR FEES OR COST OR COSTS OR PAY OR PAYMENT OR PAYMENTS OR CHARGE OR CHARGES OR SURCHARGE OR SURCHARGES OR CHARGEABLE OR BILLABLE OR PRICE? ? OR INVOICE? ? OR RATE OR RATES OR ROYALT??? OR COMMISSION? ?)
S3	52576	MEASUR??? OR MEASUREMENT? ? OR METER??? OR COUNT??? OR NUMBER??? OR NUMERAT??? OR ENUMERAT??? OR QUANTIF? OR GAUG??? OR VOLUME OR QUANTITY OR QUANTITIES
S4	50477	TIME OR TIMED OR TIMES OR TIMING OR INTERVAL OR INTERVALS OR PERIOD?? OR TIMESPAN OR SECOND OR SECONDS OR MINUTE OR MINUTES OR HOUR OR HOURS OR DAY OR DAYS OR WEEK OR WEEKS OR MONTH OR MONTHS OR YEAR OR YEARS
S5	44583	FUNCTION OR FUNCTIONS OR TASK OR TASKS OR SERVICE OR SERVICES OR ACTION OR ACTIONS OR PROGRAM OR PROGRAMS OR WORK OR CHORE OR CHORES OR PROCEDURE OR PROCEDURES OR JOB OR JOBS OR MISSION OR MISSIONS

S6            49104    EXECUT??? OR PROCESS??? OR DISCHARG??? OR  
 IMPLEMENT??? OR ACCOMPLISH??? OR COMPLET??? OR FULFIL???? OR  
 PERFORM??? OR RUN OR RUNNING OR RAN OR INITIAT??? OR CARRY???() OUT  
 S7            5764    S3(6N)S4  
 S8            4387    S5(6N)S6  
 S9            46    S2(20N)S7(20N)S8  
 S10           32    S9 NOT PY>2000  
 S11           32    RD    (unique items)

11/3,K/1 (Item 1 from file: 2)  
 DIALOG(R)File 2: INSPEC  
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07329502

**Title:** Work-efficient routing algorithms for rearrangeable symmetrical networks

**Author(s):** Cam, H.; Fortes, J.A.B.

**Author Affiliation:** Dept. of Comput. Eng., King Fahd Univ. of Pet. & Miner., Dhahran, Saudi Arabia

**Journal:** IEEE Transactions on Parallel and Distributed Systems , vol.10 , no.7 , pp.733-41

**Publisher:** IEEE

**Country of Publication:** USA

**Publication Date:** July 1999

**ISSN:** 1045-9219

**SICI:** 1045-9219(199907)10:7L.733:WERA;1-6

**CODEN:** ITDSEO

**U.S. Copyright Clearance Center Code:** 1045-9219/99/\$10.00

**Item Identifier (DOI):** [10.1109/71.780867](https://doi.org/10.1109/71.780867)

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1999-033

**Copyright:** 1999, IEE

**Abstract:** The **work performed** by a parallel algorithm is the product of its running **time** and the **number of processors** it requires. This paper presents **work-efficient** (or **cost-optimal**) routing algorithms to **determine** the switch settings for realizing permutations on rearrangeable symmetrical networks such as Benes and the reduced Omega NOmegaN-1. These...

11/3,K/2 (Item 2 from file: 2)  
 DIALOG(R)File 2: INSPEC  
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07242885

**Title:** On scheduling of a reentrant line with a hub

**Author(s):** Hong-Mo Yeh

**Author Affiliation:** Dept. of Inf. Manage., Fu-Jen Catholic Univ., Taipei, Taiwan

**Journal:** Journal of the Chinese Society of Mechanical Engineers , vol.19 , no.6 , pp.603-13

**Publisher:** Chinese Soc. Mech. Eng

**Country of Publication:** Taiwan

**Publication Date:** Dec. 1998

**ISSN:** 0257-9731

**SICI:** 0257-9731(199812)19:6L.603:SRLW;1-1

**CODEN:** CCHPEK

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering); E (Mechanical & Production Engineering)

**INSPEC Update Issue:** 1999-019

**Copyright:** 1999, IEE

**Abstract:** For products such as IC wafers and golf-club heads, certain work stations are visited by a product a **number of times** during the manufacturing **process**. These **work** stations are called hubs. We consider that there is only one hub which a product enters many times. Between two successive visits to the hub, the products are processed on other machines. Our objective is to **determine** a schedule such that the total **cost** of the difference of the actual and the target WIP inventories of the hub and the holding and backordering costs...

11/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2: INSPEC

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06560590

**Title:** Measurement of track parameters and etch rates in proton-irradiated CR-39 detectors and simulation of neutron dosimeter responses

**Author(s):** Dorschel, B.; Fulle, D.; Hartmann, H.; Hermsdorf, D.; Kadner, K.; Radlach, C.

**Author Affiliation:** Inst. of Radiat. Protection Phys., Tech. Univ. Dresden, Germany

**Journal:** Radiation Protection Dosimetry , vol.69 , no.4 , pp.267-74

**Publisher:** Nuclear Technology Publishing

**Country of Publication:** UK

**Publication Date:** 1997

**ISSN:** 0144-8420

**SICI:** 0144-8420(1997)69:4L.267:MTPE;1-0

**CODEN:** RPDODE

**Language:** English

**Subfile(s):** A (Physics); B (Electrical & Electronic Engineering)

**INSPEC Update Issue:** 1997-017

**Copyright:** 1997, IEE

**Abstract:** ...of the etching time as well as the depth within the detector for various initial proton energies. The bulk etch **rate** was **determined** by three independent experimental methods in order to obtain results with high reliability. Together with the track diameters, likewise **measured** as a **function** of the etching **time**, the **complete** formation of an etched track along the proton trajectory can be described. Further evaluation of the measured data will allow...

11/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2: INSPEC

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06456234

**Title:** Field-enhanced picosecond diffraction efficiency of a photorefractive multiple quantum well device

**Author(s):** Canoglu, E.; Mahgerefteh, D.; Ching-Mei Yang; Garmire, E.; Partovi, A.; Chiu, T.H.; Glass, A.M.; Zydzik, G.J.

**Author Affiliation:** Thayer Sch. of Eng., Dartmouth Coll., Hanover, NH, USA

**Book Title:** CLEO '96. Summaries of Papers Presented at the Conference on Lasers and Electro-Optics. Vol.9. 1996 Technical Digest Series. Conference Edition (IEEE Cat. No.96CH35899)

**Inclusive Page Numbers:** 214

**Publisher:** Opt. Soc. America, Washington, DC

**Country of Publication:** USA

**Publication Date:** 1996

**Conference Title:** CLEO '96. Summaries of Papers Presented at the Conference on Lasers and Electro-Optics. Vol.9. 1996 Technical Digest Series. Conference Edition

**Conference Date:** 2-7 June 1996

**Conference Location:** Anaheim, CA, USA

**Conference Sponsor:** Opt. Soc. America IEEE/Lasers and Electro-Opt. Soc. Quantum Electron. Div. Eur. Phys. Soc. Japanese Quantum Electron. Joint Group

**Number of Pages:** 544

**Language:** English

**Subfile(s):** A (Physics); B (Electrical & Electronic Engineering)

**INSPEC Update Issue:** 1996-050

**Copyright:** 1996, IEE

**Abstract:** ...time holographic applications. The diffraction efficiency of the present devices decreases with the grating spacing much faster than the theoretically **calculated**. In order to understand the **charge** transport process that reduces the resolution, we have **measured** the picosecond response **time** of diffraction gratings. The grating build-up **processes** and the diffraction efficiency as a **function** of grating period have been presented in an earlier conference. In this work, we investigate the picosecond effects of applied ...

11/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2: INSPEC

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06200796

**Title:** Minimum or near minimum cost schedules: NxM flow shop case

**Author(s):** Hoyos, M.; Bera, R.

**Author Affiliation:** Dept. of Mech. Eng., Univ. Tecnologica de Pereira, Colombia

**Book Title:** 11th ISPE/IEE/IFAC International Conference on CAD/CAM, Robotics and Factories of the Future CARS and FOF'95

**Inclusive Page Numbers:** 715-19 vol.2

**Publisher:** Univ. Tecnologica de Pereira, Pereira

**Country of Publication:** Colombia

**Publication Date:** 1995

**Conference Title:** Proceedings of Meeting on CAD/CAM Robotics and Factories of the Future

**Conference Date:** 28-30 Aug. 1995

**Conference Location:** Pereira, Colombia

**Conference Sponsor:** Int. Soc. Productivity Enhancement IEE IFAC South Bank Univ

**Editor(s):** Bera, H.

**Part:** vol.2

**Number of Pages:** 2 vol. xiv+1147

**Language:** English

**Subfile(s):** C (Computing & Control Engineering); E (Mechanical & Production Engineering)

**INSPEC Update Issue:** 1996-008

**Copyright:** 1996, IEE

**Abstract:** ...cost schedules in the NxM flow shop case. Index function heuristics and neighbourhood search procedures developed by the authors for **time** performance **measures** are extended in this paper in order to **calculate cost** performance measures. The **cost** function used for schedule evaluation reflects the costs caused by the jobs at each operation and the holding costs which are generated from the moment the operation is finished until **job completion**. This **function** is **determined** from material **costs**, the storage **costs** of work in process, and overheads. They are conveniently reduced to four cost components. Finally, an example is worked out...

11/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2: INSPEC

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05645723

**Title:** On stationary tandem queueing networks with job feedback

**Author(s):** Bambos, N.; Wasserman, K.

**Author Affiliation:** Dept. of Electr. Eng., California Univ., Los Angeles, CA, USA

**Journal:** Queueing Systems Theory and Applications , vol.15 , no.1-4 , pp.137-64

**Country of Publication:** Switzerland

**Publication Date:** 1994

**ISSN:** 0257-0130

**CODEN:** QUSYE8

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1994-013

**Copyright:** 1994, IEE

**Abstract:** The class of tandem queueing networks with job feedback is studied under stationarity conditions on the arrival and **service** times sequences. Each **job**, after **completing service** in the last queue, is fed back (rerouted) to the first one, a random **number** of **times**, before leaving the system. The average **execution** time per **job** is exactly computed, as the number of jobs becomes large, and is minimized under mild conditions. The degree of parallelism achieved in the processing is also **computed**. The issue of **rate**-stability of the system is then considered. The network is defined to be rate-stable iff the job departure rate...

11/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2: INSPEC

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05594529

**Title:** Real-time analysis of thermal activation via sphaleron transitions

**Author(s):** Boyanovsky, D.; Aragao de Carvalho, C.

**Author Affiliation:** Dept. of Phys. & Astron., Pittsburgh Univ., PA, USA

**Journal:** Physical Review D (Particles, Fields, Gravitation, and Cosmology) , vol.48 , no.12 , pp.5850-62

**Country of Publication:** USA

**Publication Date:** 15 Dec. 1993

**ISSN:** 0556-2821

**CODEN:** PRVDAQ

**U.S. Copyright Clearance Center Code:** 0556-2821/93/48(12)/5850(13)/\$6.00

**Language:** English

**Subfile(s):** A (Physics)

**INSPEC Update Issue:** 1994-004

**Copyright:** 1994, IEE

**Abstract:** ...droplet. The initial density matrix is evolved in time and the nucleation rate (probability current at the saddle point) is **computed**. The nucleation **rate** is time dependent, vanishing at early times, reaching a maximum at a time  $t(\text{approximate})1/m$  with  $m$  the mass of quanta in the metastable state, and decreasing at long **times**. An estimate for the average **number** of particles of "true vacuum" produced as a **function** of time during the nucleation **process** is obtained

11/3,K/8 (Item 8 from file: 2)

DIALOG(R)File 2: INSPEC

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05172086

**Title:** Experimental-analytic approach to derive software performance

**Author(s):** Ammar, R.A.

**Author Affiliation:** Dept. of Comput. Sci. & Eng., Connecticut Univ., Storrs, CT, USA

**Journal:** Information and Software Technology , vol.34 , no.4 , pp.229-38

**Country of Publication:** UK

**Publication Date:** April 1992

**ISSN:** 0950-5849

**CODEN:** ISOTE7

**U.S. Copyright Clearance Center Code:** 0950-5849/92/040229-10\$3.00

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1992-028

**Copyright:** 1992, IEE

**Abstract:** ...derive the program's cost function. In addition, program instrumentation techniques are employed to measure control flows and to trace **program** variables. Finally, precise **execution**-time information is **computed** by evaluating the **cost** function against the control flows **measured**. The three

classes of parameters (**execution time**, control flow, and **program** variables) can be analysed selectively and interactively; this gives an insight into the design's behaviour. To cope with tedious...

11/3,K/9 (Item 9 from file: 2)

DIALOG(R)File 2: INSPEC

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05106354

**Title:** The use of simulation for streamlining manufacturing operations

**Author(s):** Fox, J.G.

**Author Affiliation:** Boeing Commercial Airplane Group, Seattle, WA, USA

**Inclusive Page Numbers:** 403-7

**Publisher:** Electron. Conventions Manage, Los Angeles, CA

**Country of Publication:** USA

**Publication Date:** 1990

**Conference Title:** Northcon. Conference Record

**Conference Date:** 9-11 Oct. 1990

**Conference Location:** Seattle, WA, USA

**Number of Pages:** x+555

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering); E (Mechanical & Production Engineering)

**INSPEC Update Issue:** 1992-015

**Copyright:** 1992, IEE

**Abstract:** ...resources available. Verification and validation ensure that the model accurately reflects system behavior. The model is exercised using various production **rates**, order mixes, or operating scenarios to **determine** the impact of these changes. Simulation results, through reports and graphics animations, **quantify** operating parameters such as throughput, flow **time**, **work-in-process**, resource utilization and identification of bottlenecks

11/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2: INSPEC

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04754656

**Title:** Modeling the cost of resource allocation in distributed control

**Author(s):** Fraser, M.D.; Gagliano, R.A.; Schaefer, M.E.

**Author Affiliation:** Georgia State Univ., Atlanta, GA, USA

**Inclusive Page Numbers:** 151-64

**Publisher:** IEEE Comput. Soc. Press, Los Alamitos, CA

**Country of Publication:** USA

**Publication Date:** 1990

**Conference Title:** 1990 Eastern Multiconference. Record of Proceedings. 23rd Annual Simulation Conference

**Conference Date:** 23-27 April 1990



**Conference Location:** Nashville, TN, USA  
**Conference Sponsor:** IEEE Annual Simulation Symposium SCS ACM IMACS  
**Editor(s):** Pinkowski, B.  
**ISBN:** 0 8186 2067 6  
**Number of Pages:** x+167  
**Language:** English  
**Subfile(s):** C (Computing & Control Engineering)  
**INSPEC Update Issue:** 1990-023  
**Copyright:** 1990, IEE

**Abstract:** A study is made of the **costs** associated with distributed allocation of **computing** resources in a multitasking environment. Using funds endowed upon arrival, computing tasks compete for necessary resources through sealed-bid auctions to improve their processing schedules. The costs and times dedicated to auctioning are compared to the costs and **times** allowed for **task processing**.

**Measuring computing** resources in terms of **processing rates** allows the **task** management, in the form of an auction algorithm, to have its requirements specified in the same way as the requirements for the simulated **mission processing**. Machine capacity is computed for and assigned to each **completing task**. Data are then compiled by segmented capacity classes. A unifying theme of past and current research is the efficiency of...

11/3,K/11 (Item 11 from file: 2)  
DIALOG(R)File 2: INSPEC  
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04371021

**Title:** On the behaviour of algorithms in a multiprocessing environment  
**Author(s):** Jau-Hsiung Huang  
**Country of Publication:** USA  
**Publication Date:** Oct. 1988  
**Issued By:** Univ. California, Comput. Sci. Dept., Los Angeles, CA, USA  
**Report Number:** CSD-880087  
**Number of Pages:** 161  
**Language:** English  
**Subfile(s):** C (Computing & Control Engineering)  
**INSPEC Update Issue:** 1989-011  
**Copyright:** 1989, IEE

**Identifiers:** processor utilization; precedence relationship; mean response **time**; optimal **number** of processors; optimal system operating point; **processing** time speedup; response time speedup; **service** discipline; parallel merging algorithm; parallel sorting algorithm; parallel processing system; distributed sorting algorithm; distributed computing system; broadcast communication networks; economic; scale of **computing**; **cost**-capacity function; speedup function

11/3,K/12 (Item 12 from file: 2)  
DIALOG(R)File 2: INSPEC  
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03762220

**Title:** An optimization of queries in distributed database systems

**Author(s):** Chin-Wan Chung; Irani, K.B.

**Author Affiliation:** Dept. of Comput. Sci., General Motors Res. Labs., Warren, MI, USA

**Journal:** Journal of Parallel and Distributed Computing , vol.3 , no.2 , pp.137-57

**Country of Publication:** USA

**Publication Date:** June 1986

**ISSN:** 0743-7315

**CODEN:** JPD CER

**U.S. Copyright Clearance Center Code:** 0743-7315/86/\$3.00

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1986-023

**Copyright:** 1986, IEE

**Abstract:** ...query optimization algorithm. Since the distributed query optimization problem is known to be intractable, a heuristic algorithm is developed to **determine** a low-**cost** sequence of semijoins. The cost comparison with an existing algorithm is provided. The complexity of the main features of the algorithm is analytically derived. The scheduling **time** for sequences of semijoins is **measured** for example queries using the PASCAL **program** which **implements** the algorithm

11/3,K/13 (Item 13 from file: 2)

DIALOG(R)File 2: INSPEC

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03485223

**Title:** Ultrafast relaxation dynamics of photoexcited carriers in GaAs and related compounds

**Author(s):** Taylor, A.J.; Erskine, D.J.; Tang, C.L.

**Author Affiliation:** Mat. Sci. Center, Cornell Univ., Ithaca, NY , USA

**Journal:** Journal of the Optical Society of America B (Optical Physics) , vol.2 , no.4 , pp.663-73

**Country of Publication:** USA

**Publication Date:** April 1985

**ISSN:** 0740-3224

**CODEN:** JOBPDE

**U.S. Copyright Clearance Center Code:** 0740-3224/85/040663-11\$02.00

**Language:** English

**Subfile(s):** A (Physics); B (Electrical & Electronic Engineering)

**INSPEC Update Issue:** 1985-016

**Copyright:** 1985, IEE

**Abstract:** ... excited states was measured to be in the range 50-100 fsec for the materials studied. The interpretation of the **measured** relaxation **time** in terms of electron and hole response **functions** is discussed. The relevant scattering **processes** and **rates** and the corresponding relaxation times **calculated** from these **rates** are given

11/3,K/14 (Item 14 from file: 2)

DIALOG(R)File 2: INSPEC

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02712273

**Title:** Cost analysis of an automated and manual cataloging and book processing system

**Author(s):** Druschel, J.

**Author Affiliation:** Washington State Univ., Pullman, WA, USA

**Journal:** Journal of Library Automation , vol.14 , no.1 , pp.24-49

**Country of Publication:** USA

**Publication Date:** March 1981

**ISSN:** 0022-2240

**CODEN:** JLAUAY

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1981-008

**Copyright:** 1981, IEE

**Abstract:** ...University Libraries indicates that the automated system is about 20 percent less costly than the manual system. A per-unit **cost** approach was used in **calculating** the monthly **cost** of each system based on the average **number** of items processed per **month** under the automated system. The process and the results of the analysis are presented in a series of charts which detail the **tasks**, items **processed**, unit and total monthly costs of both the manual and automated systems. The higher costs of the manual system were...

11/3,K/15 (Item 15 from file: 2)

DIALOG(R)File 2: INSPEC

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02671497

**Title:** A comparison of dynamic and static virtual memory allocation algorithms

**Author(s):** Budzinski, R.L.; Davidson, E.S.

**Author Affiliation:** Central Res. Lab., Texas Instruments Inc., Dallas, TX, USA

**Journal:** IEEE Transactions on Software Engineering , vol.SE-7 , no.1 , pp.122-31

**Country of Publication:** USA

**Publication Date:** Jan. 1981

**ISSN:** 0098-5589

**CODEN:** IESEDJ

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1981-005

**Copyright:** 1981, IEE

**Abstract:** Compares the performance of virtual memory allocation algorithms. The primary **measure** of performance is the space-**time** product of primary memory occupancy, or space-time cost, used by a **program** during its **execution**. Using DMIN, an optimal dynamic allocation algorithm, the authors **compute** the minimum space-time **cost** achievable for some benchmark program runs. They compare the DMIN space-time cost with the space-time cost from: MIN...

11/3,K/16 (Item 16 from file: 2)  
DIALOG(R)File 2: INSPEC  
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02552033

**Title:** Near real-time internal/external measurement of CPU instruction execution

**Author(s):** Healey, P.D.; Mitoma, M.F.

**Author Affiliation:** IBM Corp., Armonk, NY, USA

**Journal:** IBM Technical Disclosure Bulletin , vol.22 , no.8A , pp.3358-61

**Country of Publication:** USA

**Publication Date:** Jan. 1980

**ISSN:** 0018-8689

**CODEN:** IBMTAA

**Language:** English

**Subfile(s):** C (Computing & Control Engineering)

**INSPEC Update Issue:** 1980-009

**Copyright:** 1980, IEE

**Abstract:** Describes a method of measuring the CPU instruction **execution** which enables the **executing program** to count instructions between any two events. In conjunction with any clock or timer, the **program** can also **compute** the average instruction **execution rate** over any **interval of time**. A disadvantage of the **counter** is the possibility of decreased CPU execution speed

11/3,K/17 (Item 17 from file: 2)  
DIALOG(R)File 2: INSPEC  
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01526776

**Title:** Cost and operating models for mail processing and mail transportation

**Author(s):** Goldenberg, D.

**Author Affiliation:** MITRE Corp., Bedford, MA, USA

**Inclusive Page Numbers:** 83-5

**Publisher:** Western Periodicals, North Hollywood, CA

**Country of Publication:** USA

**Publication Date:** 1973

**Conference Title:** Proceedings of the 6th Hawaii International Conference on Systems Sciences, Supplement II

**Conference Date:** 9-11 Jan. 1973

**Conference Location:** Honolulu, HI, USA

**Conference Sponsor:** Univ. Hawaii US Army Res. Office IEEE et al

**Editor(s):** Lew, A.

**Number of Pages:** x+145

**Language:** English

**Subfile(s):** C (Computing & Control Engineering); E (Mechanical & Production Engineering)

**INSPEC Update Issue:** 1973-006

**Copyright:** 1973, IEE

**Abstract:** ...for the efficient scheduling of mail truck transportation and for estimating the operating costs for alternative scheduling of the mail **processing work** force. One developed a computer model which calculates the transportation requirements in terms of truck dispatching **time** tables, the **number** of trucks required by the schedules and certain cost-service trade-off factors. The other developed a computer model which **determines** the increases in the overall operating **costs** of a Bulk Mail Center due to the provision of the capacity sufficient to handle the daily fluctuations in the...

11/3,K/18 (Item 18 from file: 2)

DIALOG(R)File 2: INSPEC

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01500329

**Title:** Dynamic analysis of a car chassis frame using the finite element method

**Author(s):** Anderson, D.T.; Mills, B.

**Author Affiliation:** Univ. Birmingham, UK

**Journal:** International Journal of Mechanical Sciences , vol.14 , no.12 , pp.799-808

**Country of Publication:** UK

**Publication Date:** Dec. 1972

**ISSN:** 0020-7403

**CODEN:** IMSCAW

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering); E (Mechanical & Production Engineering)

**INSPEC Update Issue:** 1973-004

**Copyright:** 1973, IEE

**Abstract:** ...costs are of prime importance in any practical application of the finite element method, the modes of operation of the **programs** have been briefly described and **running times** are compared for a **number** of structural idealizations. The results presented show for a relatively simple structure that simple idealization concepts can give good results

11/3,K/19 (Item 19 from file: 2)

DIALOG(R)File 2: INSPEC

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00934248

**Title:** Non-isothermal, non-stationary measurement of the activated diffusion of gases in solids, for example coal

**Author(s):** Hanbaba, P.; Juntgen, H.; Peters, W.

**Journal:** Berichte der Bunsengesellschaft für Physikalische Chemie , vol.72 , no.4 , pp.554-562

**Country of Publication:** Germany

**Publication Date:** 1968

**Language:** German

**Subfile(s):** A (Physics)

**Copyright:** Copyright 2004, IEE

**Abstract:** ...solid, which occurs with simultaneous desorption, is measured by a temperature increase

that is proportional to time. This non-isothermal **procedure** has the advantage that the desorption **process** occurs completely within finite **times of measurement**, and the activation energy of the diffusion process is obtained at the same time. As an example, the desorption of saturated hydrocarbons (methane to butane) from coal is treated. The **rate-determining** step is the activated diffusion through narrow passages which are statistically distributed within the granule. Good agreement is obtained between...

11/3,K/20 (Item 20 from file: 2)  
DIALOG(R)File 2: INSPEC  
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00685163

**Title:** Automatic recording and electronic computing in the interurban telephone service

**Author(s):** Turco, A.

**Book Title:** RC (62) Riun. Assoc. Elettrotec. Ital , pp.6 pp.

**Publisher:** Assoc. Elettrotec. Ital.

**Conference Title:** Rendiconti della 62 Riunione Annuale dell' Associazione Elettrotecnica Italiana

**Conference Date:** 1961

**Conference Location:** Torino Italy

**Part:** III

**Language:** Italian

**Subfile(s):** B (Electrical & Electronic Engineering)

**Copyright:** Copyright 2004, IEE

**Abstract:** ...type memories, increases the flexibility of operations, and make possible the automatic recording on punched tape of data such as, **number** calling, **number** called, duration, **time** and date. The new **procedures**, the centralized data **processing** complex for **computing** the **charges** and controlling the invoicing, and the anticipated reduction in both times and costs of the interurban manual service are discussed.

11/3,K/21 (Item 1 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01742472 ORDER NO: AADAA-I9970326

**Internalized shame, representations of the supervisory process, and trainee perceptions of nondisclosure in psychotherapy supervision**

**Author:** Yourman, David Benjamin

**Degree:** Ph.D.

**Year:** 2000

**Corporate Source/Institution:** Columbia University ( 0054 )

**Source:** Volume 6104B of Dissertations Abstracts International.

PAGE 2231 . 105 PAGES

**ISBN:** 0-599-75292-0

...shame would be significantly negatively correlated to disclosure to psychotherapy supervisors.

Participants (N = 216), most of whom were in doctoral **programs** in clinical or counseling psychology, **completed** a series of self-report measures in reference to a psychotherapy supervisor with whom they were working in a one-to-one supervision at that **time**. These **measures** were designed to **determine** trainees' **rates** of disclosure to psychotherapy supervisors, their degree of internalized shame, and the ways and extent to which they experienced and...

11/3,K/22 (Item 2 from file: 35)

DIALOG(R)File 35: Dissertation Abs Online

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01721290 ORDER NO: AADAA-I9954711

**Work-related upper extremity musculoskeletal injuries among union carpenters (Work-related injuries)**

**Author:** Shults, Ruth A.

**Degree:** Ph.D.

**Year:** 1999

**Corporate Source/Institution:** The University of North Carolina at Chapel Hill ( 0153 )

**Source:** Volume 6012B of Dissertations Abstracts International.

PAGE 6033 . 91 PAGES

...12,725 carpenters in western Washington during 1989–1995. Because personal exposure data were not available, predominant type of **work performed** by each local was used as a surrogate for work exposures of its members. Person-hours of work as a union carpenter were used to **measure time** at risk. Crude injury claim **rates** were **calculated** and Poisson regression analyses were used to explore associations between predominant type of work and risk of filing a claim...

11/3,K/23 (Item 3 from file: 35)

DIALOG(R)File 35: Dissertation Abs Online

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01640308 ORDER NO: AAD98-29370

**DETERMINATION OF THE COST-EFFECTIVENESS OF A TUBERCULOSIS PREVENTION PROGRAM ALONG THE UNITED STATES/MEXICO BORDER USING MARKOV PROCESS MODELING WITHIN A PREVENTION EFFECTIVENESS FRAMEWORK**

**Author:** BORREGO, MATTHEW ELVIN

**Degree:** PH.D.

**Year:** 1998

**Corporate Source/Institution:** THE UNIVERSITY OF ARIZONA ( 0009 )

**Source:** Volume 5904B of Dissertations Abstracts International.

PAGE 1604 . 194 PAGES

...tuberculosis prevention program under study used prophylactic isoniazid therapy in patients who

have tested positive for tuberculosis infection. This analysis **determined** the **cost**-effectiveness of the current program versus no program from the perspective of the **county** government and was modeled for two **time** periods; five years and 15 years post preventive therapy initiation.

**Costs** were **calculated** using actual data from tuberculosis prevention and active tuberculosis treatment **programs** as well as hospital **discharge** data. The outcome of interest, cases of active tuberculosis averted, was calculated through a Monte Carlo simulated Markov process model. Average and incremental **cost**-effectiveness ratios were then **calculated** for the tuberculosis prevention program scenario. The cost-effectiveness ratios were calculated separately with the inclusion or exclusion of the...

11/3,K/24 (Item 4 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01455623 ORDER NO: AADAA-I9600664  
**QUANTIFYING BENEFITS OF ELECTRONIC TECHNOLOGY APPLIED TO BULK MATERIALS MANAGEMENT (DATA MANAGEMENT)**

**Author:** BACK, WILLIAM EDWARD  
**Degree:** PH.D.  
**Year:** 1994  
**Corporate Source/Institution:** CLEMSON UNIVERSITY ( 0050 )  
**Source:** Volume 5609B of Dissertations Abstracts International.  
PAGE 5033 . 250 PAGES

...representing a distinct level of corporate information integration. By using a process of computer simulation, it is possible to quantitatively **determine** and **measure** the **time** and **cost** impacts of technology implementation.

The research shows that the process benefits attributable to electronic data management are significant. Total reduction in cycle time for materials management was equivalent to 85% when electronic technologies were fully exploited to effect **work** flow automation and **process** reengineering. Similarly, **process** cost was reduced by 75%.

11/3,K/25 (Item 5 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01109638 ORDER NO: AAD90-18491  
**SOCIAL RATE OF RETURN OF BACCALAUREATE NURSING EDUCATION IN ARIZONA**

**Author:** DAVIDS, SHARON LEE  
**Degree:** ED.D.  
**Year:** 1989  
**Corporate Source/Institution:** ARIZONA STATE UNIVERSITY ( 0010 )  
**Source:** Volume 5102A of Dissertations Abstracts International.  
PAGE 355 . 168 PAGES



...nursing education at the three state universities of Arizona. Data used were collected during the academic year 1988-1989. A **cost** construction model was used to **determine complete** instruction **costs** for the nursing **programs**, including courses needed to graduate with a degree in nursing taught by other colleges. Courses taken by nursing students during the sample year were organized into related groupings of similarly taught courses to facilitate the **cost** construction process. Teaching load was **determined** by faculty contact **hours** and **numbers** of faculty needed were then multiplied by average faculty salaries of each grouping to determine faculty cost. Other costs were...

11/3,K/26 (Item 6 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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1035530 ORDER NO: AAD88-27214  
**VIBRATIONAL RELAXATION OF EXCITED AND HIGHLY EXCITED POLYATOMIC MOLECULES**

**Author:** BECK, KENNETH MICHAEL  
**Degree:** PH.D.  
**Year:** 1988  
**Corporate Source/Institution:** UNIVERSITY OF ILLINOIS AT CHICAGO ( 0799 )  
**Source:** Volume 4910B of Dissertations Abstracts International.  
PAGE 4328 . 233 PAGES

...method, an extension of the Green's function solution for the linearized acoustic wave equation to arbitrary spatial and temporal **functions** was **completed**. The new method was then applied to known systems of OCS + Ar and OCS + He, and experimental waveforms compared to theoretical predictions based on independently **determined rate** constants.

The new **time**-resolved optoacoustics was then utilized to **measure** relaxation rates for two methyl halides, CH<sub>3</sub>Cl and CH<sub>3</sub>Br in argon. The rates were found to...

11/3,K/27 (Item 7 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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922105 ORDER NO: AAD86-16188  
**THE PSYCHOSOCIAL VARIABLES IN ACCIDENTS: A PROCESS MODEL (STRESS, LOCUS OF CONTROL, ANXIETY, SAFETY, MANUFACTURING)**

**Author:** GUASTELLO, DENISE DIZADJI  
**Degree:** PH.D.  
**Year:** 1986  
**Corporate Source/Institution:** LOYOLA UNIVERSITY OF CHICAGO ( 0112 )  
**Source:** Volume 4704B of Dissertations Abstracts International.  
PAGE 1768 . 94 PAGES

...participating organizations were brass, steel, and aluminum mills and foundries located in the Milwaukee-Chicago area. Altogether they contributed 79 **work** groups, totalling 435 employees. Surveys were **completed** during regular working hours.

Accident **rates** were **calculated** in two ways: **number** of accidents per 100 person-**years** of exposure for **year**-to-date 1985, and **number** of accidents per 100 person-**years** of exposure for pooled casualties occurring in 1984 and 1985. Accident rates were transformed using the log-10 logarithm before...

11/3,K/28 (Item 8 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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886248 ORDER NO: AAD85-14697

**MICROCOMPUTER TUTORIAL PHYSICS PROGRAMS WITH ADVANCE ORGANIZERS  
USED IN VARIOUS SIZE GROUPS (SCIENCE, SECONDARY, COMPUTER)**

**Author:** CARNES, ERNEST R.

**Degree:** PH.D.

**Year:** 1985

**Corporate Source/Institution:** THE UNIVERSITY OF AKRON ( 0003 )

**Source:** Volume 4605A of Dissertations Abstracts International.

PAGE 1241 . 242 PAGES

...the completion of five days of treatment an achievement test was administered. Two weeks later the retention test was administered. **Rate** of learning was **determined** for groups by the **number** of **times** the first three tutorial **programs** were **executed** by the group in order to attain 90% competency on each of the tutorials. The only hypothesis which yielded a...

11/3,K/29 (Item 9 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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829940 ORDER NO: AAD83-29188

**A METHOD OF ASSESSING THE COST INCURRED BY THE GENERAL LINE  
DISTRIBUTORS IN HANDLING AND RECEIVING RETURNED GOODS**

**Author:** LOWE, MADELAINE PEACE

**Degree:** ED.D.

**Year:** 1983

**Corporate Source/Institution:** TEXAS A&M UNIVERSITY ( 0803 )

**Source:** Volume 4409A of Dissertations Abstracts International.

PAGE 2696 . 94 PAGES

The purpose of this study was to develop a method of **determining cost** efficiency levels relating to the handling and receiving of returned goods to the general line industrial distributor. Specifically, this

study **measured** three things: the **time** involved for each person or activity in the returned goods **process**, the average cost of each **task**, and the major reasons why customers returned goods. A method of analysis was developed reviewing specific costs involved in the ...

11/3,K/30 (Item 10 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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822899 ORDER NO: AAD83-22943  
**EFFECTS OF TIME-LIMIT AND PASSAGE-COMPLETION READING RATE  
MEASUREMENT METHODS ON RATE AND COMPREHENSION PERFORMANCE OF  
COLLEGE READERS IN A READING IMPROVEMENT COURSE**

**Author:** CRONAN, THERESA HEBERT  
**Degree:** ED.D.  
**Year:** 1983  
**Corporate Source/Institution:** UNIVERSITY OF ARKANSAS ( 0011 )  
**Source:** Volume 4406A of Dissertations Abstracts International.  
PAGE 1742 . 132 PAGES

...effects of two reading rate measurement methods on rate and comprehension performance of college readers in a reading improvement course. **Measurement** methods utilized were a **time-limit** and a **passage-completion procedure**. Additional data were obtained regarding participant preference of methods, for use in interpreting performance.

The 173 students read two equivalent...

11/3,K/31 (Item 11 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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776865 ORDER NO: AAD82-09515  
**EXERCISE AND TEMPERATURE EFFECTS ON SPERM PRODUCTION AND PLASMA  
TESTOSTERONE LEVELS IN HUMANS**

**Author:** MCCONNELL, TIMOTHY RAY  
**Degree:** PH.D.  
**Year:** 1981  
**Corporate Source/Institution:** KENT STATE UNIVERSITY ( 0101 )  
**Source:** Volume 4211B of Dissertations Abstracts International.  
PAGE 4314 . 111 PAGES

...Each subject in the two treatment groups performed a total of six exercise tests. The first test was a maximal **work** capacity test **performed** on a motor driven treadmill to **determine** the subject's maximum heart **rate**. The exercise treatment period that followed consisted of one 45 minute exercise bout a day for five consecutive **days** at 80% of HR max.

Sperm **counts**, total sperm per sample and semen sample **volume** were **measured** the **week** preceding treatment and from 6 to 10 weeks post-treatment. Plasma testosterone levels were measured before each of the five...

11/3,K/32 (Item 1 from file: 99)

DIALOG(R)File 99: Wilson Appl. Sci & Tech Abs

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1714231 **H.W. Wilson Record Number:** BAST96072840

**The ODP color digital imaging system: color logs of Quaternary sediments from the Santa Barbara basin, site 893**

Merrill, Russell B ; Beck, John W

Marine Georesources & Geotechnology v. 14 (Oct./Dec. '96) p. 381-408

**Document Type:** Feature Article **ISSN:** 1064-119X

**Abstract:** ...captured during January 1993, within days after the cores were split and described. The images were captured and color analyses **performed** on the Ocean Drilling **Program** (ODP) color digital imaging system, which was assembled from relatively inexpensive, off-the-shelf components. The images were used to **calculate** sedimentation **rates** by fitting chronological data from hole 893A to void-corrected depths determined by eliminating all voids mapped from the images as > 1 cm in length **measured** downcore. Color **measurements** were made at **intervals** between 0.22 and 1.0 mm in length, and then Commission Internationale de l'Eclairage (CIE) 1931 chromaticity values...

## **Descriptors:**

### B. NPL Files, Full-text

~~ Non-Patent Literature: Full Text

Dialog files: 9,15,16,20,148,160,267,268,275,610,613,621,624,625,626,634,636,810,813,608

File 9:Business & Industry(R) Jul/1994-2009/Jul 16

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File 15:ABI/Inform(R) 1971-2009/Jul 16

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File 16:Gale Group PROMT(R) 1990-2009/Jun 24

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File 160:Gale Group PROMT(R) 1972-1989

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(c) 2009 San Jose Mercury News  
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(c) 1999 PR Newswire Association Inc  
File 608:MCT Information Svc. 1992-2009/Jul 17  
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S1	9065445	CALCULATE? ? OR CALCULATING OR COMPUTE OR COMPUTED OR COMPUTING OR DETERMINE? ? OR DETERMINING
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S3	688601	MEASUR??? OR MEASUREMENT? ? OR METER??? OR COUNT??? OR NUMBER??? OR NUMERAT??? OR ENUMERAT??? OR QUANTIF? OR GAUG??? OR VOLUME OR QUANTITY OR QUANTITIES
S4	935663	TIME OR TIMED OR TIMES OR TIMING OR INTERVAL OR INTERVALS OR PERIOD?? OR TIMESPAN OR SECOND OR SECONDS OR MINUTE OR MINUTES OR HOUR OR HOURS OR DAY OR DAYS OR WEEK OR WEEKS OR MONTH OR MONTHS OR YEAR OR YEARS
S5	827320	FUNCTION OR FUNCTIONS OR TASK OR TASKS OR SERVICE OR SERVICES OR ACTION OR ACTIONS OR PROGRAM OR PROGRAMS OR WORK OR CHORE OR CHORES OR PROCEDURE OR PROCEDURES OR JOB OR JOBS OR MISSION OR MISSIONS

S6            741600    EXECUT??? OR PROCESS??? OR DISCHARG??? OR  
 IMPLEMENT??? OR ACCOMPLISH??? OR COMPLET??? OR FULFIL???? OR  
 PERFORM??? OR RUN OR RUNNING OR RAN OR INITIAT??? OR CARRY???()OUT  
 S7            169289    S3(4N)S4  
 S8            176324    S5(4N)S6  
 S9            110      S2(8N)S7(8N)S8  
 S10           52      S9 NOT PY>2000  
 S11           45      RD    (unique items)

11/3,K/1 (Item 1 from file: 15)  
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02375550            116350462  
**Document delivery to developing countries**

Dobson, Cynthia; Pedersen, Wayne A  
 Interlending & Document Supply v26n1 pp: 3-9  
 1998

**ISSN: 0264-1615 Journal Code: ILDS**

**Word Count: 3871**

**Text:**

...this information to the ISUL. The logged information was used to  
 compute  
 request transit time, internal processing time, and delivery **time**.  
**Time** was **measured** in terms of calendar **days** for  
 transit and delivery times, and **work** days for internal  
**processing time**.

Cost **measures**

Data were collected on the postage and fax **costs** for transmitting  
 the documents. To **compute** postage and fax **costs**, the number  
 of pages sent and the cost were recorded for each request, and the  
 average  
 cost per page was...

11/3,K/2 (Item 2 from file: 15)  
 DIALOG(R)File 15: ABI/Inform(R)  
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02011852            52679502  
**What do accidents truly cost?**

LaBelle, Jeffery E  
 Professional Safety v45n4 pp: 38-42

Apr 2000

ISSN: 0099-0027 Journal Code: PFS

Word Count: 1826

**Text:**

...3) Determine how much time is devoted (on average) to handling each incident. Include all related activities, including consultation, form

**processing**, telephone calls and filing **tasks**. Often, those who **perform** these **tasks** can provide the best estimate of time spent.

4) Multiply the hourly rate by the average **number** of **hours** spent managing incidents to **calculate** a **cost** category's indirect **cost** contribution. For example, an average time of one hour per recordable case at \$12/hour equals \$12 in indirect costs...

11/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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01785764 04-36755

**Replace with a database: O\*NET replaces the Dictionary of Occupational Titles**

Mariani, Matthew

Occupational Outlook Quarterly v43n1 pp: 2-9

Spring 1999

ISSN: 0199-4786 Journal Code: OOQ

Word Count: 2862

**Text:**

...O\*NET content model

\* Estimating needed characteristics—Estimating the characteristics of materials, products, events, or information; estimating sizes, distances, and **quantities**; or **determining time, costs, resources, or materials** needed to **perform** a **work** activity.

Information on organizational context does not appear in O\*NET 98. It will be included in the comprehensive O...

11/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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01764819 04-15810

**Well E-quipped?**

Dalton, Gregory; Mateyaschuk, Jennifer

Informationweek n718 pp: 18-20

Jan 25, 1999

**ISSN:** 8750-6874 **Journal Code:** IWK

**Word Count:** 1519

**Text:**

...will let the company add CPU boards on the fly to maintain its goal of being able to handle two **times** peak **volume**.

Discover is also using the Java programming language to rewrite its trading servers, which **perform functions** such as **calculating commissions** and processing orders. "They will be encapsulated into different objects that can be distributed," says chief technology officer John MacIlwaine...

11/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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01744270 03-95260

**Statistical evaluations of measured mile productivity claims**

Finke, Michael Ross

Cost Engineering v40n12 pp: 28-30

Dec 1998

**ISSN:** 0274-9696 **Journal Code:** ACO

**Word Count:** 2321

**Text:**

...activities and reporting intervals may be encompassed by the type of work and time periods in question, a single productivity **rate** will be **calculated** by dividing the total workhours expended for all activities during all reporting intervals within the **time period** by the total **quantity** of **work performed** by these same activities during these same reporting **intervals**.

THE **MEASURED** MILE AS PROOF OF QUANTUM OR AS PROOF OF QUANTUM AND CAUSATION



A contractor attempting to recover disruption damages must...

11/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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01726273      03-77263  
**The outsourcing option**

Peterson, Ann Hayes  
Credit Union Magazine v64n11 pp: 52-56  
Nov 1998  
**ISSN:** 0011-1066 **Journal Code:** CUG  
**Word Count:** 1630

**Text:**

...beyond the immediate. "Determining the cost of a service for the future is one thing. But you also have to **determine** present **costs**. **Quantify** your staff's **time** and **measure** the quality of **service**."

That's the thought **process** Carolyn Warden, president of NJ Gateway Federal Credit Union, Dayton, N.J., goes through. To her, outsourcing is really the...

11/3,K/7 (Item 7 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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01468744      01-19732  
**Activity based costing with reciprocal dollar value allocation**

Milne, Ronald A  
Journal of Applied Business Research v13n3 pp: 79-87  
Summer 1997  
**ISSN:** 0892-7626 **Journal Code:** JRH  
**Word Count:** 3123

**Text:**

...application rate. Activity "B" cost is allocated using the same procedure.

The Dollar Value of Activities Consumed as a Single **Measure** of Activity Consumption

The **second** step in the allocation of Service Department One's **cost** is to **determine** the total "Dollar Value" of the **services performed** for **Service** Department Two and the four products. The Reciprocal Dollar Value Allocation method uses this "dollar value" of services performed as...

11/3,K/8 (Item 8 from file: 15)  
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01468423      01-19411  
**Taking another look at continuous flow manufacturing**

Hase, Rick  
IIE Solutions v29n7 pp: 30-33  
Jul 1997  
**ISSN:** 1085-1259 **Journal Code:** INE  
**Word Count:** 3839  
**Text:**  
...control inventories. "Inventory turns" is the financial measurement used to monitor improvements in inventory reduction. A ratio that reflects the **number of times** inventories have been turned over each year, it is **calculated** by dividing "**cost** of goods sold" (COGS) by "inventory cost." CFM considers only the "**work-in-process**" (WIP) inventory cost and the cost of goods sold; it excludes finished goods inventory and raw material inventory costs from...

11/3,K/9 (Item 9 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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01325036      99-74432  
**Developing a cost accounting system for a physician group practice**

Mays, Janet; Gordon, Gus  
Healthcare Financial Management v50n10 pp: 73-78  
Oct 1996  
**ISSN:** 0735-0732 **Journal Code:** HFM  
**Word Count:** 1770  
**Text:**

...total cost allocation for each profit center was determined (see Exhibit 3).

#### Allocating Costs to Individual Procedures

Once the total **costs** of the profit centers were **determined**, the group practice's next step was to allocate these costs to the individual **procedures performed**. **Procedures** were grouped by profit center. The RWs for each procedure then were multiplied by the total **number** of **times** the **procedure** was **performed** during the time period under review. This calculation provided the total RW per procedure. The sum of the total RWs...

11/3,K/10 (Item 10 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00969352      96-18745  
**Laser toner cartridges - And other supplies - Are leading a double life**

Anonymous  
Managing Office Technology v40n1 pp: 65  
Jan 1995  
**ISSN: 1070-4051 Journal Code: MOP**  
**Word Count: 674**  
**Text:**  
...the pages remained high in testing.

The increase in yield is measured by a reduced number of cartridges needed to **perform** the same approximate **work** load, with the same number of printers, for a twelve **month period**. Any **number** of cartridges needed in excess of the reduced **calculated** quantity are provided free of **charge** to the customer.

Another noteworthy point is that the OEMs warranties and maintenance agreements will remain in effect with the...

11/3,K/11 (Item 11 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00905839 95-55231

**Productivity: Measurement and management**

Alby, Vic

American Association of Cost Engineers Transactions 1994 Transactions pp: MAT4.1-MAT4.7  
1994

**ISSN:** 0065-7158 **Journal Code:** AEE

**Word Count:** 5041

**Text:**

...and then calculating productivity from them.

Measuring the productivity factor (PF) for an activity involves three necessary steps:

- \* measuring physical **work performed** (typically, quantities installed or produced);

- \* **measuring** the **work-hours** to **complete** it, thereby **calculating** the actual labor unit **rate**; and

- \* relating the actual labor unit rate to the standard unit rate:  
Productivity Factor PF = Standard Labor Unit Rate / Actual...

^11/3,K/12 (Item 12 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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00841927 94-91319

**Work measurement in material handling**

Gagnon, Gene

Material Handling Engineering v49n3 pp: 61-62  
Mar 1994

**ISSN:** 0025-5262 **Journal Code:** MTH

**Word Count:** 924

**Text:**

...engineered labor standards are used as a management tool include the ability to:

- \* Balance labor among various operations and departments;

- \* **Determine** labor **cost**; Audit **measured** productive labor;

- \* Record **time** needed to **perform** a **task**;

\* Calculate material handling equipment ratio to the number of warehouse employees;

\* Develop work loading for scheduling purposes;

\* Determine percent of...

11/3,K/13 (Item 13 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00841454 94-90846

**Using XCELL+ in the preparation of a contracting bid**

Stapleton, Larry E  
Industrial Engineering v26n4 pp: 44-49  
Apr 1994

**ISSN:** 0019-8234 **Journal Code:** INE

**Word Count:** 3001

**Text:**

...workstation k to the manufacturing cost of one unit is found by multiplying  $R_{sup k sub a}$  by the **number** of **hours** required to process one unit at that workstation.

XCELL+ does not have a feature that **calculates** operating **costs** as a **function** of **processing** time. For this reason, the total labor cost for processing one unit at each workstation must be calculated before applying...

^11/3,K/14 (Item 14 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00775582 94-24974

**A productivity challenge in a utility's reliability**

Ellis, H Leon; Gouda, Saied; Trowbridge, Scott  
American Association of Cost Engineers Transactions pp: I.3.1-I.3.11  
1993

**ISSN:** 0065-7158 **Journal Code:** AEE

**Word Count:** 3666

**Text:**

...by combining the rates shown in figure 3 with the productivity indexes of figure 2. In this case, the unit **cost** is **calculated** by dividing the actual **cost** by the adjusted standard minutes. The adjusted standard **minutes** is a **measure** of the **work accomplished** reflecting the standard **work** unit estimates for department orders. A contractor who completes more department orders in a shorter period of time will complete...

11/3,K/15 (Item 15 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00771060 94-20452

**The gold standard, Bretton Woods, and other monetary regimes: A historical appraisal**

Bordo, Michael D  
Federal Reserve Bank of St. Louis Review v75n2 pp: 123-191  
Mar/Apr 1993

**ISSN:** 0014-9187 **Journal Code:** FSL

**Word Count:** 25140

**Text:**

...the Group of Seven countries, where the national income data are converted to U.S. dollars using the actual exchange **rates**.

51. The impulse response **functions** were **calculated** from VARs **run** for the separate regime **periods**. Because the **number** of observations was limited, the Bretton Woods regime could not be split into the two subperiods shown in preceding tables...

11/3,K/16 (Item 16 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00129145 80-23206

**To Survive the Budget Inquisition, Prove Your Training Makes Dollars and Sense**

Shipp, Travis  
Training v17n11 pp: 23, 26, 28-29  
Nov 1980

**ISSN:** 0095-5892 **Journal Code:** TBI

**Abstract:**

...means of arriving quickly and simply at a usable cost-effectiveness analysis is to estimate the cost effectiveness of training **programs** already in **process**. The cost of a sales management course may be determined, for example, by **counting** the total contact **hours**, **determining** actual training **costs**, and figuring additional **costs** associated with the program. When the costs of the course have been figured, the savings associated with the program must...

11/3,K/17 (Item 1 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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06949225 **Supplier Number: 58583861 (USE FORMAT 7 FOR FULLTEXT)**

**HCFA regulations creep past Y2K bug.(Health Care Financing Administration)**

Hallam, Kristen

Modern Healthcare , v 30 , p 8

Jan 10 , 2000

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Professional

**Word Count:** 537

...ceased its collection efforts.

HCFA concluded it hadn't given clear instructions about which patient

days should be included in **calculating** the **payments**.

The memorandum states that under the DSH payment formula, patient

**days** can be **counted** only if patients are eligible for medical assistance under an approved Medicaid **program**. Medicaid-like **programs run** by the states do not count toward DSH payment.

"The term `Medicaid days' does not refer to all days that...

11/3,K/18 (Item 2 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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06094805 **Supplier Number: 53642709 (USE FORMAT 7 FOR FULLTEXT)**

**Well E-quipped? -- Web Commerce Is Picking Up At A Frenetic Pace, Sending IT Organizations In Search Of Tools And Services That Can Help.(Internet/Web/Online Service Information)**

Dalton, Gregory; Mateyaschuk, Jennifer

InformationWeek , p 18(1)

Jan 25 , 1999

**Language:** English **Record Type:** Fulltext  
**Document Type:** Magazine/Journal; Tabloid ; General Trade  
**Word Count:** 1519

...will let the company add CPU boards on the fly to maintain its goal of being able to handle two **times** peak **volume**.

Discover is also using the Java programming language to rewrite its trading servers, which **perform functions** such as **calculating commissions** and processing orders. "They will be encapsulated into different objects that can be distributed," says chief technology officer John MacIlwaine...

11/3,K/19 (Item 3 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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02126841 **Supplier Number:** 42758519 (USE FORMAT 7 FOR FULLTEXT)

**CAD/CAE/CAM: Tools for auto part development**  
Rubber & Plastics News , p 37  
Feb 17 , 1992  
**Language:** English **Record Type:** Fulltext  
**Document Type:** Magazine/Journal ; Trade  
**Word Count:** 4128

...quantify the hours, labor classification and average salary for this type work. For each task make a table of the **number** of **times** each is performed, the average and maximum hours to **perform** each **task**. Try to **compute** the average and maximum **costs** for each task. Now total the average and maximum costs to get a total cost per project.

Now multiply by...

11/3,K/20 (Item 4 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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02046246 **Supplier Number:** 42641475 (USE FORMAT 7 FOR FULLTEXT)

**Annual Adjustment of Fees**



New Jersey Industry Environmental Alert , v 3 , n 1 , p N/A  
Jan , 1992

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 378

...calculated as the sum of indirect costs, operating expenses, legal services, average salary and fringe benefits, divided by the average **number of hours** that each DEPE employee working in the solid waste **program** spends annually **performing** activities for which the fees were imposed. The hourly rate for 1991 was \$52.50. These figures will be based...

11/3,K/21 (Item 5 from file: 16)  
DIALOG(R)File 16: Gale Group PROMT(R)  
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01127949 **Supplier Number:** 41273839

### **Joining forces**

Network World , p 38

April 9 , 1990

**Language:** English **Record Type:** Abstract

**Document Type:** Magazine/Journal ; Trade

### **Abstract:**

Cooperative processing can allow businesses to utilize their computing resources more cost-effectively. In cooperative **processing**, multiple **processors work** together on an application as though they are functioning under a single operating system. Although cooperative processing has been in existence for a **number of years** as cluster and multiprocessor architectures, the idea is now being expanded to physically distinct platforms. Different kinds of platforms **running** a single application can **work** on specialized tasks. Article further discusses cooperative processing.

11/3,K/22 (Item 1 from file: 20)  
DIALOG(R)File 20: Dialog Global Reporter  
(c) 2009 Dialog. All rights reserved.

12204606 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**'We won't give in to criminals': Community group's vow to beat thieves**

MADELEINE BRINDLEY

NOTTINGHAM EVENING POST , Nottingham Evening Post (Late Final - LF) ed , p 12

July 10, 2000

**Journal Code:** FNEP **Language:** English **Record Type:** FULLTEXT

**Word Count:** 383

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...locals used to be able to use its computers to compile their CVs.

The centre receives Pounds 2,050 a **year** from Notts

**County** Council to cover the **cost** of rent and **running**

its **service**.

**Determined** Mr Leverton said the resource team was now struggling even to produce its monthly newsletter - it currently runs to just...

11/3,K/23 (Item 2 from file: 20)

DIALOG(R)File 20: Dialog Global Reporter

(c) 2009 Dialog. All rights reserved.

10412573 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**

**In the Workplace: Current salary as base of job offer**

Reylito A.H. Elbo

BUSINESSWORLD (PHILIPPINES) , p 20

April 05, 2000

**Journal Code:** FBWP **Language:** English **Record Type:** FULLTEXT

**Word Count:** 928

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...efficiency studies, overhead value analysis and value costing.

It's a cost management strategy that builds a systematic approach of

**quantifying** the amount of **time** and personnel required to **accomplish** a certain **task**.

The most common application is the employee's salary and benefits.

Management can gain valuable information about the peso **costs** involved in achieving a task and **determining** the value of the company's activities. This is basically cost reduction.

AVA or ABC is useful in determining the...

11/3,K/24 (Item 3 from file: 20)

DIALOG(R)File 20: Dialog Global Reporter

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04267742 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Wright Williams & Kelly Offers Solutions to Tyecin Systems' Clients**

BUSINESS WIRE

February 08, 1999

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 360

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...the cost analysis engine calculates product cost and factory gross margin; and the fast discrete event simulation engine estimates dynamic

**measures** such as cycle **time**, **work-in-process**, and waiting times.

Wright Williams & Kelly is a cost reduction modeling and simulation company with offices in Pleasanton, California; Austin...

11/3,K/25 (Item 4 from file: 20)

DIALOG(R)File 20: Dialog Global Reporter

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02523168

**Natural gas in the 21st century**

TURKISH DAILY NEWS

August 17, 1998

**Journal Code:** FTDN **Language:** English **Record Type:** FULLTEXT

**Word Count:** 648

...routing, the capacity and the construction costs will be determined upon completion of the feasibility studies. Turkmen Project The tender **procedure** is in **process** for the pipeline, which will carry 28-34 billion cubic **meters** of natural gas per **year** from Turkmenistan. The gas will be transferred to Erzurum via Iran and subsequently distributed to Ankara. The same pipeline will...

11/3,K/26 (Item 1 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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13396516 **Supplier Number:** 70203681 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Using Monte Carlo Simulation for Pavement Cost Analysis.(Federal Highway Administration's Demonstration Project )(Statistical Data Included)**

Herbold, Keith D.

Public Roads , 64 , 3 , 2

Nov , 2000

**Document Type:** Statistical Data Included

ISSN: 0033-3735

**Language:** English

**Record Type:** Fulltext

**Word Count:** 2372 **Line Count:** 00358

...State	User Cost Procedure
Kentucky	A fixed user cost of \$5,000/day is used. This is multiplied by the <b>number</b> of <b>days</b> required to <b>complete</b> the <b>work</b> to get the total cost. Typically, 120 days is assumed for initial construction and 30 days for each rehabilitation.
Nevada	Not <b>calculated</b> .
North Carolina	Not <b>calculated</b> .
Ohio	User <b>costs</b> are not <b>calculated</b> . An alternative is to determine the number of lane closure days.
Pennsylvania	Reduced speed delay traversing work zone. Analysis does...

11/3,K/27 (Item 2 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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13112619 **Supplier Number:** 68769331 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Costs and Cost-Effectiveness of a Church-Based Intervention to Promote Mammography Screening.(Statistical Data Included)**

Stockdale, Susan E.; Keeler, Emmett; Duan, Naihua; Derosé, Kathryn Pitkin; Fox, Sarah A.

Health Services Research , 35 , 5 , 1037

Dec , 2000

**Document Type:** Statistical Data Included

ISSN: 0017-9124

**Language:** English

**Record Type:** Fulltext

**Word Count:** 8167 **Line Count:** 00668

...time estimates for telephone-counseling sessions are based on call records completed by peer counselors for each intervention participant.

To **calculate** personnel **costs**, we first **calculated** the unit personnel **cost** per task by multiplying the **number** of staff **minutes** necessary to **complete** the **task** by the adjusted salary per minute of the staff. The adjusted

salary per minute is the base salary level and minute was necessary to  
**calculate** the true **cost** of each task because task  
**times** were estimated as the **number** of **minutes**  
necessary to **complete** the **task** rather than elapsed time. The  
"time availability factor," based on a cost-estimation model  
described in  
Urban, Self, Kessler, et...

11/3,K/28 (Item 3 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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11789870 **Supplier Number:** 58583861 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**HCFA regulations creep past Y2K bug.**

Hallam, Kristen  
Modern Healthcare , 30 , 8  
Jan 10 , 2000  
ISSN: 0160-7480

**Language:** English

**Record Type:** Fulltext

**Word Count:** 572 **Line Count:** 00049

...ceased its collection efforts.

HCFA concluded it hadn't given clear instructions about which  
patient

days should be included in **calculating** the **payments**.

The memorandum states that under the DSH payment formula,  
patient

**days** can be **counted** only if patients are eligible for medical  
assistance under an approved Medicaid **program**. Medicaid-like  
**programs run** by the states do not count toward DSH payment.

"The term `Medicaid days' does not refer to all days that...

11/3,K/29 (Item 4 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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10900106 **Supplier Number:** 54153024 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Replace with a database: O\*NET replaces the Dictionary of Occupational Titles.(Occupational Information Network)**

Mariani, Matthew  
Occupational Outlook Quarterly , 43 , 1 , 3(1)  
Spring , 1999

ISSN: 0199-4786

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 3168 **Line Count:** 00296

...processing information or data.

\* Estimating needed characteristics--Estimating the characteristics of materials, products, events, or information; estimating sizes, distances, and **quantities**; or **determining time, costs**, resources, or materials needed to **perform** a **work** activity.

Information on organizational context does not appear in O\*NET 98. It will be included in the comprehensive O...

11/3,K/30 (Item 5 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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10731415 **Supplier Number:** 53520288 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Maintaining the customer-driven highway.(includes related article on workshop on urban highway renewal)**

Sorenson, Jim; Terry, Ed; Mathis, Dan

Public Roads , 62 , 3 , 45(4)

Nov-Dec , 1998

ISSN: 0033-3735

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 2190 **Line Count:** 00188

...into account the cost of traffic delays caused by the construction. The cost of traffic delays was based on the **number** of **days** that each bidder would take to **complete** the **work**; the **number** of peak-**period** lane closures and nonpeak-period lane closures during this time were **calculated** and multiplied by a **cost** figure set by the Indiana DOT.

A contractor that could do the job in less time would thus have a...

11/3,K/31 (Item 6 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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10368151 **Supplier Number:** 20983956 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Asthma management: what you need to know: pharmacists should be familiar with new treatment guidelines and patient education strategies.**

Blake, Kathryn V.

American Druggist , v215 , n7 , p57(7)

July , 1998

ISSN: 0190-5279

**Language:** English

**Record Type:** Fulltext

**Word Count:** 4086 **Line Count:** 00352

...valuable assessment/diagnostic tools that determine the extent of reduction in airflow rate and volume.

**SPIROMETRY**

Spirometry is the lung **function** monitoring tool often **performed** in a physician's office. The most common parameter measured is the forced expiratory **volume** in the first **second** (FEV1). This is the **volume** of air that is exhaled in the first second after a patient inhales fully and then exhales as hard and...

11/3,K/32 (Item 7 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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07964830 **Supplier Number:** 17183594 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Measure error rates quickly and accurately. (includes related article)**

Wolaver, Dan H.

Electronic Design , v43 , n11 , p89(7)

May 30 , 1995

ISSN: 0013-4872

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 4492 **Line Count:** 00325

...temperature is constant.

A Poisson process presumes an "actual" or average error rate  $r$  that can be determined from the **process** itself. Our **task** is to get an estimate  $r[\text{prime}]$  of this actual rate by **measuring**  $n$  errors in a **period**  $T$  and dividing:

$$r' = n/T$$

If  $T$  is one hour, and if we take many one-hour measurements of...

11/3,K/33 (Item 8 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

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07231998    **Supplier Number:** 15323482 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Using XCELL+ in the preparation of a contracting bid. (cost estimation)**

Stapleton, Larry E.; Levary, Reuven R.  
Industrial Engineering , v26 , n4 , p44(4)  
April , 1994  
ISSN: 0019-8234

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 3188    **Line Count:** 00262

...contribution of workstation k to the manufacturing cost of one unit is

found by multiplying [Mathematical Expression Omitted] by the **number** of **hours** required to process one unit at that workstation.

XCELL+ does not have a feature that **calculates** operating **costs** as a **function** of **processing** time. For this reason, the total labor cost for processing one unit at each workstation must be calculated before applying...

11/3,K/34 (Item 9 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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06693567    **Supplier Number:** 13232149 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**AMA battle cry: get off our backs; in a broadside swipe at federal legislation, angry delegates reject CLIA, databank. (American Medical Association's House of Delegates June 1993 meeting; Clinical Laboratories Improvement Amendments of 1988; National Practitioner Databank)**

Carpi, John  
Medical World News , v34 , n7 , p28(2)  
July 15 , 1993  
ISSN: 0025-763X

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 536    **Line Count:** 00041

...it sounds promising, Dr. Scalett said enterprise liability would give insurers latitude to look at the safety of a procedure, **determine** its **cost** effectiveness based on the **number** of **times** it would be likely to result in a lawsuit, and forbid physicians from **performing** the **procedure** if it were deemed too financially risky.



11/3,K/35 (Item 10 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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06520407    **Supplier Number:** 14480507 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**The gold standard, Bretton Woods and other monetary regimes: a historical appraisal.**  
**(Dimensions of Monetary Policy: Essays in Honor of Anatol B. Balbach)**

Bordo, Michael D.  
Federal Reserve Bank of St. Louis Review , v75 , n2 , p123(69)  
March-April , 1993  
ISSN: 0014-9187

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 26928    **Line Count:** 02193

...the Group of Seven countries, where the national income data are converted to U.S. dollars using the actual exchange **rates**.

(51)The impulse response **functions** were **calculated** from VARs **run** for the separate regime **periods**. Because the **number** of observations was limited, the Bretton Woods regime could not be split into the two subperiods shown in preceding tables...

11/3,K/36 (Item 11 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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06223883    **Supplier Number:** 14365481 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Central copy centers can save you money. (advantages of in-house copy centers)**

Rowh, Mark  
Office , v116 , n6 , p38(2)  
Dec , 1992  
ISSN: 0030-0128

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 996    **Line Count:** 00080

...more than 70 copies per minute, and handle up to 250,000 copies a month.

Such capacity allows larger printing **jobs** to be **completed** internally, reducing dependence on outside printing firms, which may be expensive, slow or inconvenient in terms of pick-up and delivery **times**.

**Calculating Costs**

Certainly, high-**volume** copiers **cost** more than those

designed for limited capacities, and thus require a substantial up-front investment. Factor in a copy center...

11/3,K/37 (Item 12 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rights reserved.

06222765    **Supplier Number:** 13588575 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Research update: gas flow measurement. (Technology: Annual Report)**

Gregor, John G.; Griffis, Carl H.  
Pipe Line Industry , v75 , n9 , p23(3)  
Sept , 1992  
ISSN: 0032-0145

**Language:** ENGLISH  
**Record Type:** FULLTEXT

**Word Count:** 2555    **Line Count:** 00222

...conditions. Following the field measurements, EFM tests will be conducted under transient flow conditions in the MRF LPL. This research

**program** is scheduled for **completion** late next **year**.

Energy **measurement**. Due to variations in gas composition throughout the U.S. pipe line system, (4) there is a growing need for **cost** effective methods of **determining** gas quality. Energy content or Btu value of natural gas has significant impact on custody

11/3,K/38 (Item 13 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
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03881380    **Supplier Number:** 07440573 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Computers on the job. (The Computerized Contractor)**

Landberg, Lynn  
Construction Equipment , v79 , n3 , p68(6)  
March 15 , 1989  
ISSN: 0192-3978

**Language:** ENGLISH  
**Record Type:** FULLTEXT

**Word Count:** 2724    **Line Count:** 00224

...paper," says Morrisette, "and production rates are determined based on

past experience and job conditions. The computer takes the equipment **rate** and production **rate** and **calculates** the

**cost** per yard as well as the total cost and estimated **number** of **hours** and **weeks** to **complete** the **job**. It also can make adjustments based on known factors such as working conditions and other variables."

Lambrecht's job-costing...

11/3,K/39 (Item 14 from file: 148)

DIALOG(R)File 148: Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rights reserved.

02168135 **Supplier Number:** 03415074 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Budgets and fees; a client's view of designers' performance in a critical area of design practice.**

Loebelson, Andrew

Interior Design , v55 , p104(1)

Sept , 1984

ISSN: 0020-5508

**Language:** ENGLISH

**Record Type:** FULLTEXT

**Word Count:** 478 **Line Count:** 00036

...the "Giants" articles Interior Design publishes every January and July

to see what billing rates other designers are charging.) The

**quantity** of **hours** spent solving the client's problems

**determines** the **fee** per job. Professionals should be able to

estimate the time it will take them to **complete** a **job**. Often

they offer an hourly fee up to a guaranteed maximum price,

specifically

stating the number of basic revisions included...

11/3,K/40 (Item 1 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

01241379 **Supplier Number:** 06270727 (Use Format 7 Or 9 For FULL TEXT )

**Does DEC MicroVAX 3000 outdo IBM's 9370?**

Fertig, Robert T.

MIS Week , v9 , n1 , p10(2)

Jan 4 , 1988

ISSN: 0199-8838

**Language:** ENGLISH **Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 1611 **Line Count:** 00128

...they may become real industry standards for measuring comparable



July 3, 1990  
JOURNAL CODE: ASD  
ISSN: 0193-4546  
WORD COUNT: 696

TEXT:

... frequency and planned efficiency data--meant that "the labor hour estimates used for pricing often bore little resemblance to the **number** of labor **hours** actually used in the past to **perform** the **work**," auditors said.

In addition, to **determine** the material portion of repair **prices** depot managers simply applied a percentage adjustment to the previous year's estimate regardless of any changes in actual requirements...

11/3,K/43 (Item 1 from file: 634)  
DIALOG(R)File 634: San Jose Mercury  
(c) 2009 San Jose Mercury News. All rights reserved.

05028713

**BROKER SENTENCED**

SAN JOSE MERCURY NEWS ( SJ ) - Wednesday, April 12, 1989  
**By:** Mercury News Staff and Wire Reports  
**Edition:** Morning Final **Section:** Business **Page:** 3D  
**Word Count:** 96

**Text:**

...to two years in prison but suspended all but six months. Dillon, 34, of Old Lyme, Conn., pleaded guilty last **year** to a single **count** of wire fraud. Walker placed Dillon on three years' probation and ordered him to **perform** 200 hours of community **service** and make full restitution of an amount to be **determined** by the Securities and Exchange **Commission**.

11/3,K/44 (Item 1 from file: 636)  
DIALOG(R)File 636: Gale Group Newsletter DB(TM)  
(c) 2009 Gale/Cengage. All rights reserved.

01742181 **Supplier Number:** 42860006 (USE FORMAT 7 FOR FULLTEXT)

**Northwest gets tough with late paying shippers**

Gas Daily , p N/A

March 27 , 1992

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 204

...administer, it needs an effective policy to deal with shippers who don't pay up.

Under the plan, Northwest will **charge** an overdue shipper a late **payment calculated** by multiplying the unpaid bill portion by the ratio of the **number** of **days** from the due date to 365 by the annual interest **rate determined** by **commission** regulations.

The pipeline also may **initiate** a collection **procedure** that would give a delinquent shipper two notices, both 10 days in duration.

If payment is not received by Northwest...

11/3,K/45 (Item 1 from file: 608)

DIALOG(R)File 608: MCT Information Svc.

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06648146 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FCC Ruling Could Soon Result In Lower In-State Phone Bills**

Julie Copeland

Grand Forks Herald, N.D

March 30, 1999

**Document Type:** NEWSPAPER **Record Type:** FULLTEXT **Language:** ENGLISH

**Word Count:** 1257

**Lead Paragraph:**

**Text:**

...said. "Every dollar we take in an increase we have to put back into the system."

The state's Public **Service** Commission is **completing** a survey of phone **rates** to **determine** what they need to be to cover U S West's dial-tone service costs, **according** to commissioner **Hagen**.

To understand the FCC ruling, one must first understand how U S West's in-state, **long**-distance calling rates **work**. The state is divided into two regions by a line that cuts the state north and south at about Crystal...

## **V. Additional Resources Searched**

No relevant results were found in the Internet & Personal Computing Abstracts through EBSCO.

No results were found in the Financial Times through Proquest.